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Statistics
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1985
CROP and LIVESTOCK
Annual Summary

PASS-91

NATIONAL AGRICULTURAL STATISTICS SERVICE
U.S. DEPARTMENT OF AGRICULTURE/PENNSYLVANIA DEPARTMENT OF AGRICULTURE

COMMONWEALTH OF PENNSYLVANIA

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DEPARTMENT OF AGRICULTURE

Richard E. Grubb, Secretary

cooperating with

UNITED STATES DEPARTMENT OF AGRICULTURE

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PENNSYLVANIA AGRICULTURE

WE'RE GROWING BETTER

GROWING AND DOING BETTER

Agriculture's importance to Pennsylvania continues to grow — and so does Pennsylvania's importance as an agricultural state.

This publication offers many yardsticks by which to measure the progress of agriculture — our state's leading industry — and the advance of Pennsylvania as a leading agricultural state.

Pennsylvania's increased share of cash receipts from agriculture, nationally and regionally, is a prime indicator of our emergence as a predominant agricultural state. Also indicative of strength and stability is the favorable debt to asset ratio of our farmers.

Pennsylvania in 1985 ranked 17th nationwide with cash receipts of $3.1 billion, up from 21st position in 1980. Our share of cash receipts among states in our region was 40 percent last year, which reflects a steady advance of more than 7 percentage points since 1970.

Pennsylvania's growing influence as an agricultural state is a testament to the management and production skills of our farmers.

Our situation in Pennsylvania stands in stark contrast to the hardships of the economically depressed rural Midwest and the drought-ravished states of the Southeast. We are fortunate to have a sound foundation upon which to build for the future.

It is a future for which we must plan if the years ahead in Pennsylvania agriculture are to resemble the promising outlook of today. This report by the Agricultural Statistics Service is a guide to where we were and are, what we've done and must still do if we are to continue growing and doing better.

The Department of Agriculture is committed to continued success in the year ahead and — to that end — dedicates its resources to serving the needs of farmers, food processors, distributors and consumers.

Richard E. Grubb
Secretary of Agriculture

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DAIRY SUMMARY - 1985

By Glenn A. Strasburg

MILK PRODUCTION REACHES A NEW RECORD HIGH: Pennsylvania's milk production for 1985 was 9.98 billion pounds, 6 percent above 1984 and 5 percent above the previous record high set in 1983. Monthly record highs were produced every month from March through December. Milk production per cow reached a record high average of 13,491 pounds for the year, 565 pounds more than 1984.

The number of milk cows in the Commonwealth averaged 740,000 head in 1985, 11,000 more than 1984. This was the highest average number of milk cows since 1967.

Pennsylvania ranks fifth in the nation in milk production, producing 7 percent of the nation's milk. Wisconsin is first, with 17 percent of the U.S. production, followed by California, New York and Minnesota, respectively.

MILK DISPOSITION AND INCOME: Cash receipts from marketings of Pennsylvania milk during 1985 totaled 1.31 billion dollars, up less than 1 percent from 1984. Marketings totaled 9.85 billion pounds in 1985, up 6 percent from marketings in 1984. Returns from both wholesale and retail sales averaged $13.31 per hundred pounds of milk, $.77 less than average returns to producers in 1984.

An estimated 130 million pounds of milk were used on the farm in 1985, 14 percent less than a year earlier. Calves in the Commonwealth were fed 80 million pounds of milk while 50 million pounds were used by producer's households as fluid milk, cream and butter.

WHOLESALE MILK PRICE: The annual wholesale milk price averaged $13.10 per hundred pounds of milk for 1985. The price started the year at $14.30, fell to $12.50 June through September, then advanced to $12.90 for the remaining three months of the year.

Production costs for Pennsylvania averaged $12.05 per hundred pounds of milk during 1985 compared with $12.66 during 1984. The estimated cost of producing milk does not include any returns (costs) for management or equity capital or changes in inventory values, of capital items but does include a return to operator and family labor.

The total value of milk produced in the state during 1985 was 1.33 billion dollars, fractionally above the value in 1984.

The number of commercial dairy farms (10 or more milk cows) is estimated at 14,000, the same as 1983 and 1984.

LANCASTER COUNTY LEADS IN MILK PRODUCTION: Lancaster County exceeded all counties in milk production with 1.60 billion pounds produced in 1985. Franklin County was second with 622 million pounds; Bradford County was third with 570 million pounds; Chester County was fourth with 419 million pounds; Berks County was fifth with 368 million pounds. Other counties producing over 300 million pounds of milk were: Lebanon, Cumberland, Susquehanna and Tioga.

PENNSYLVANIA: COST OF PRODUCING MILK, SELECTED ITEMS AND TOTAL, BY MONTHS, 1985

Month	Purchased Feed	Fertilizer & Lime	Fuels & Lubricants	Dairy Animals Purchased	Hauling	Interest	Depreciation	Value Family Labor	Hired Labor	Other	Total
	Dollars Per Cwt. Of Milk Shipped										
January	2.411	.410	.401	.138	.445	.661	1.571	1.591	.698	3.255	11.58
February	2.113	.225	.360	.135	.457	.657	1.560	1.891	.694	3.274	11.37
March	2.201	.749	.445	.136	.441	.659	1.565	1.859	.751	3.286	12.09
April	2.134	2.019	.604	.220	.422	.847	1.711	1.716	.707	3.195	13.57
May	1.983	2.543	.565	.104	.441	.858	1.732	1.895	.738	3.192	14.05
June	2.176	1.053	.558	.105	.429	.854	1.723	1.746	.722	3.229	12.60
July	1.785	.430	.521	.111	.421	.827	1.669	1.665	.781	3.170	11.38
August	1.774	.358	.479	.218	.437	.826	1.667	1.818	.658	3.254	11.47
September	1.712	.301	.517	.219	.423	.820	1.655	1.824	.662	3.208	11.34
October	1.966	.386	.516	.251	.419	.812	1.639	1.861	.632	3.162	11.67
November	2.052	.211	.429	.117	.417	.811	1.636	1.832	.715	3.141	11.36
December	2.341	.683	.434	.118	.427	.817	1.648	1.852	.624	3.197	12.18
Average	2.054	.779	.486	.156	.431	.787	1.648	1.799	.699	3.215	12.05

PENNSYLVANIA: MILK COWS, MILK PRODUCTION AND MILK PRICE, BY MONTHS, 1960-1985

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Milk Cows on Farm 1/ (Thous. Head)													
1960.....	880	880	881	882	884	884	885	885	886	887	888	888	884
1965.....	823	820	817	814	811	808	805	802	799	796	793	790	806
1970.....	712	710	708	707	706	705	704	703	702	701	700	698	705
1975.....	688	695	700	705	703	700	697	703	701	699	698	704	699
1979.....	705	702	698	698	697	696	696	701	705	703	706	710	701
1980.....	712	713	710	705	705	705	707	712	714	718	718	718	711
1981.....	718	718	717	715	715	715	718	723	725	727	728	730	721
1982.....	734	730	729	727	722	721	725	730	733	736	735	737	730
1983.....	738	737	737	734	733	731	727	731	735	737	744	740	735
1984.....	737	729	720	718	718	720	727	731	737	738	735	735	729
1985.....	735	735	735	738	738	736	740	743	745	746	745	747	740
Milk Production Per Cow (Lbs.)													
1960.....	630	595	695	695	785	705	630	630	610	614	590	600	7,780
1965.....	730	675	795	795	870	795	725	715	700	715	690	726	8,940
1970.....	825	765	875	880	940	885	850	830	825	840	775	820	10,105
1975.....	825	775	875	885	955	910	855	845	825	825	795	835	10,215
1979.....	910	860	970	980	1,040	1,005	985	970	965	960	930	950	11,532
1980.....	965	960	995	985	1,065	1,030	1,000	985	980	990	990	1,000	11,949
1981.....	1,015	970	1,055	1,050	1,130	1,080	1,050	1,030	1,020	1,030	1,000	1,010	12,434
1982.....	1,030	995	1,075	1,060	1,155	1,100	1,070	1,055	1,040	1,050	1,025	1,040	12,690
1983.....	1,060	1,020	1,075	1,055	1,155	1,125	1,105	1,090	1,070	1,070	1,055	1,055	12,939
1984.....	1,075	1,085	1,085	1,070	1,170	1,130	1,100	1,070	1,045	1,050	1,025	1,030	12,926
1985.....	1,060	1,030	1,090	1,075	1,210	1,175	1,160	1,140	1,110	1,150	1,130	1,155	13,491
Total Milk Production (Mil. Lbs.)													
1960.....	554	524	612	613	694	623	558	558	540	545	524	533	6,878
1965.....	601	554	650	647	706	642	584	573	559	569	547	574	7,206
1970.....	587	543	620	622	664	624	598	583	579	589	543	572	7,124
1975.....	568	539	613	624	671	637	596	594	578	577	555	588	7,140
1979.....	642	604	677	684	725	699	686	680	680	675	657	675	8,084
1980.....	687	684	706	694	751	726	707	701	700	711	711	718	8,496
1981.....	729	696	756	751	808	772	754	745	740	749	728	737	8,965
1982.....	756	726	784	771	834	793	776	770	762	773	753	766	9,264
1983.....	782	752	792	774	847	822	803	797	786	789	785	781	9,510
1984.....	792	791	781	768	840	814	800	782	770	775	753	757	9,423
1985.....	779	757	801	793	893	865	858	847	827	858	842	863	9,983
Wholesale Milk Price (Dollars Per Cwt.)													
1960.....	5.00	4.90	4.75	4.45	4.20	4.25	4.50	4.70	4.95	5.10	5.20	5.15	4.74
1965.....	4.96	4.87	4.75	4.53	4.31	4.31	4.62	4.75	5.01	5.11	5.23	5.14	4.79
1970.....	6.44	6.39	6.31	6.37	6.19	6.15	6.24	6.31	6.47	6.65	6.73	6.77	6.42
1975.....	8.87	8.85	8.65	8.60	8.49	8.43	8.63	9.33	9.80	10.20	10.50	10.80	9.25
1979.....	12.60	12.70	12.50	12.30	12.10	12.00	12.40	12.60	12.90	13.30	13.60	13.40	12.70
1980.....	13.40	13.40	13.30	13.20	13.10	13.00	13.10	13.40	13.80	14.30	14.50	14.80	13.60
1981.....	14.50	14.40	14.30	14.10	14.10	14.00	14.00	13.90	14.10	14.50	14.40	14.50	14.20
1982.....	14.30	14.20	14.10	13.90	13.60	13.70	13.60	13.70	14.00	14.30	14.30	14.40	14.00
1983.....	14.30	14.20	14.10	14.10	13.70	13.50	13.70	13.80	13.90	14.40	14.50	14.20	14.00
1984.....	14.20	13.90	13.90	13.70	13.30	13.30	13.40	13.60	14.10	14.40	14.70	14.30	13.90
1985.....	14.30	14.00	13.70	13.30	12.90	12.50	12.50	12.50	12.50	12.90	12.90	12.90	13.10

PENNSYLVANIA: MILK USED AND MARKETED BY FARMERS, 1960-1985

Year	Production of Milk & Milkfat 2/			Milk Used on Farms Where Produced			Milk Marketed by Farmers			
							Sold to Plants & Dealers		Sold Directly to Consumers 4/	
	Milk	Milkfat	Butterfat %	Fed to Calves	Used for Milk, Cream and Butter	Total	As Whole Milk	As Separated Cream 3/		Total
	Million Pounds									
1960.....	6,878	258	3.75	95	258	353	6,310	60	155	6,525
1965.....	7,206	269	3.73	70	161	231	6,760	35	180	6,975
1970.....	7,124	266	3.73	54	126	180	6,725	18	201	6,944
1975.....	7,140	265	3.71	41	90	131	6,705	15	289	7,009
1979.....	8,084	301	3.72	60	40	100	7,610	-	374	7,984
1980.....	8,496	315	3.71	60	42	102	7,930	-	464	8,394
1981.....	8,965	329	3.67	70	45	115	8,365	-	485	8,850
1982.....	9,264	337	3.64	74	46	120	8,755	-	389	9,144
1983.....	9,510	348	3.66	86	57	143	9,015	-	352	9,367
1984.....	9,423	347	3.68	104	47	151	8,995	-	277	9,272
1985.....	9,983	365	3.66	80	50	130	9,555	-	298	9,853

1/ Average number in milking herds. 2/ Excludes milk sucked by calves. 3/ Total milk separated on farms for cream sales to plants and dealers. 4/ Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.

PENNSYLVANIA: AVERAGE NUMBER OF MILK COWS, PRODUCTION AND VALUE OF PRODUCTION - 1985

County & District	Average Number Of Milk Cows	Production 1/		Value Of Production 2/
		Per Cow	Total	
	Number	Pounds	Thousand Pounds	Thousand Dollars
Crawford	24,100	12,400	298,840	39,772
Erie	19,600	12,800	250,880	33,389
Forest	400	11,300	4,520	602
Mercer	11,700	13,300	155,610	20,710
Venango	2,100	11,600	24,360	3,242
Warren	5,100	12,900	65,790	8,756
NORTHWESTERN, TOTAL	**63,000**	**12,698**	**800,000**	**106,471**
Bradford	43,500	13,100	569,850	75,840
Cameron	200	10,800	2,160	287
Clinton	4,400	12,200	53,680	7,144
Elk	700	12,100	8,470	1,127
Lycoming	8,300	12,400	102,920	13,697
McKean	1,800	13,300	23,940	3,186
Potter	6,900	14,300	98,670	13,132
Sullivan	2,300	12,900	29,670	3,949
Tioga	23,900	12,600	301,140	40,078
NORTH CENTRAL, TOTAL	**92,000**	**12,940**	**1,190,509**	**158,440**
Lackawanna	3,200	12,500	40,000	5,323
Susquehanna	23,600	12,900	304,440	40,517
Wayne	17,700	12,500	221,250	29,445
Wyoming	7,500	13,500	101,250	13,475
NORTHEASTERN, TOTAL	**52,000**	**12,826**	**666,940**	**88,760**
Armstrong	5,200	12,800	66,560	8,858
Beaver	3,800	11,800	44,840	5,968
Butler	6,400	12,600	80,640	10,732
Clarion	5,600	12,400	69,440	9,242
Indiana	7,800	12,800	99,840	13,287
Jefferson	4,200	11,800	49,560	6,596
Lawrence	7,000	12,500	87,500	11,645
WEST CENTRAL, TOTAL	**40,000**	**12,460**	**498,380**	**66,328**
Blair	14,500	13,700	198,650	26,438
Cambria	2,500	13,900	34,750	4,625
Centre	11,700	14,800	173,160	23,045
Clearfield	3,000	13,000	39,000	5,190
Columbia	3,800	13,200	50,160	6,676
Dauphin	8,300	13,900	115,370	15,354
Huntingdon	11,900	12,500	148,750	19,797
Juniata	9,800	13,600	133,280	17,738
Mifflin	14,400	14,400	207,360	27,597
Montour	2,000	13,700	27,400	3,647
Northumberland	4,300	14,600	62,780	8,355
Perry	8,700	15,300	133,110	17,715
Snyder	7,100	12,500	88,750	11,811
Union	7,000	13,800	96,600	12,856
CENTRAL, TOTAL	**109,000**	**13,845**	**1,509,120**	**200,844**
Carbon	400	11,800	4,720	628
Lehigh	1,700	13,200	22,440	2,986
Luzerne	2,700	11,400	30,780	4,096
Monroe	500	12,100	6,050	805
Northampton	7,500	12,800	96,000	12,776
Pike	100	13,300	1,330	177
Schuylkill	3,100	13,500	41,850	5,570
EAST CENTRAL, TOTAL	**16,000**	**12,698**	**203,170**	**27,038**
Allegheny	1,100	11,700	12,870	1,713
Fayette	4,300	12,700	54,610	7,268
Greene	1,600	11,100	17,760	2,364
Somerset	17,200	13,400	230,480	30,674
Washington	10,400	12,300	127,920	17,024
Westmoreland	10,400	12,700	132,080	17,578
SOUTHWESTERN, TOTAL	**45,000**	**12,794**	**575,720**	**76,621**
Adams	9,100	14,500	131,950	17,561
Bedford	19,200	11,900	228,480	30,408
Cumberland	23,700	14,500	343,650	45,735
Franklin	42,000	14,800	621,600	82,727
Fulton	5,500	13,000	71,500	9,516
York	16,500	13,600	224,400	29,865
SOUTH CENTRAL, TOTAL	**116,000**	**13,979**	**1,621,580**	**215,812**
Berks	26,500	13,900	368,350	49,023
Bucks	6,900	13,800	95,220	12,673
Chester	29,500	14,200	418,900	55,750
Delaware	400	14,000	5,600	745
Lancaster	113,000	14,200	1,604,600	213,550
Lebanon	24,600	14,000	344,400	45,835
Montgomery	6,100	13,200	80,520	10,716
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**207,000**	**14,095**	**2,917,590**	**388,292**
PENNSYLVANIA	**740,000**	**13,491**	**9,983,000**	**1,328,606**

1/ Excludes milk sucked by calves. 2/ Valued at average returns per 100 pounds of milk combined marketings of milk and cream. Includes value of milk fed to calves.

MANUFACTURED DAIRY PRODUCTS — 1985

By Glenn A. Strasburg

MILK USED IN MANUFACTURED DAIRY PRODUCTS UP 5 PERCENT: During 1985, a total of 4.33 billion pounds of milk (on a whole milk basis) was used in manufacturing dairy products in Pennsylvania. Butter used 33 percent of this total, frozen products used 30 percent and cheese and other manufactured products used 37 percent.

PENNSYLVANIA ICE CREAM PRODUCTION UP FIVE PERCENT: Pennsylvania plants manufactured 84.3 million gallons of ice cream during 1985, up 5 percent from 1984, maintaining the state's second place national ranking in total ice cream production. California was the leading ice cream producing state with a total production of 103.2 million gallons. Ice milk production totaled 15.0 million gallons, up 1 percent from 1984. Milk sherbet production at 3.9 million gallons was up 2 percent from the previous year.

CHEESE PRODUCTION INCREASES 12 PERCENT: Production of cheese, excluding cottage cheese, totaled 165.5 million pounds in 1985, a 12 percent increase above the previous year. Mozzarella production at 63.3 million pounds was up 37 percent from 1984 while production of other types of Italian cheeses at 32.3 million pounds was up 6 percent. Swiss cheese production in 1985 was 8.2 million pounds, up 36 percent from the previous year.

BUTTER PRODUCTION INCREASES IN 1985: Dairy plants in Pennsylvania produced 64.2 million pounds of butter during 1985, up 2 percent from 1984. Cottage cheese production declined in 1985. Creamed cottage cheese production at 35.4 million pounds was down 8 percent and curd cottage cheese production at 40.4 million pounds was down 3 percent from the previous year.

PENNSYLV'NIA: SPECIFIED DAIRY PRODUCTS MANUFACTURED, 1985

Product	Plants	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	Number	Thousand Pounds												
Butter	10	6,396	4,876	4,417	6,955	6,411	5,484	5,223	4,210	3,392	5,528	4,758	6,580	64,230
Cheese, Total	25	12,700	11,388	14,060	13,887	14,587	14,256	14,749	13,756	13,184	14,614	13,546	14,799	165,526
Italian, All	13	6,624	5,897	7,083	7,584	8,368	8,406	8,798	8,361	8,036	8,915	8,285	9,219	95,576
Mozzarella & Similars	11	4,114	3,705	4,197	4,906	5,883	5,749	6,112	5,865	5,645	5,838	5,084	6,165	63,263
Swiss	7	578	529	655	744	879	754	753	702	618	686	593	682	8,173
Cottage Cheese:														
Curd	13	3,437	3,162	3,755	3,534	3,794	3,416	3,230	3,317	3,328	3,168	3,251	2,985	40,377
Creamed	13	3,044	2,902	3,079	3,006	3,162	2,867	3,115	2,957	2,986	2,889	2,813	2,532	35,352
Skim, Unsweetened	3	4,085	4,012	4,613	4,307	4,149	4,200	4,297	3,790	3,520	3,533	3,369	3,138	47,013
		Thousand Gallons												
Ice Cream, Total	-	5,877	5,592	6,694	6,502	8,207	8,432	8,535	8,373	7,455	6,485	6,012	6,111	84,275
Ice Milk, Total	-	777	869	1,162	1,373	1,698	1,779	1,811	1,767	1,278	975	833	698	15,020
Soft	-	504	603	833	1,063	1,293	1,283	1,403	1,304	921	713	559	482	10,961
Milk Sherbet	-	281	216	319	365	477	487	404	390	314	237	201	250	3,941
Other Frozen Products	8	53	105	111	82	113	260	164	161	111	154	39	50	1,403
Water Ices	15	105	160	189	225	280	421	335	324	132	91	63	43	2,368
Mix, Ice Cream	59	3,019	2,824	3,520	3,416	4,289	4,449	4,740	4,661	3,983	3,435	3,125	3,057	44,518
Ice Milk	36	337	399	559	705	861	851	932	867	612	474	370	325	7,292
Milk Sherbet	36	186	146	227	260	321	319	267	268	212	167	126	168	2,667

PENNSYLVANIA: DAIRY PRODUCTS MANUFACTURED, 1965-1985

Manufactured Products	1965	1975	1980	1981	1982	1983	1984	1985
				1,000 Pounds				
Butter	16,992	25,543	59,172	69,205	66,310	72,276	63,152	64,230
Swiss Cheese	2,686	11,839	6,969	5,120	5,605	6,748	5,995	8,173
All Italian Types of Cheese	7,381	20,763	41,476	52,995	63,050	74,272	76,561	95,576
Mozzarella Cheese & Similars	-	12,967	24,912	31,771	37,563	45,427	46,168	63,263
Total Cheese	20,693	67,985	101,262	113,160	127,155	147,463	147,441	165,526
Cottage Cheese, Curd	40,550	41,890	38,729	41,290	40,989	43,974	41,534	40,377
Creamed	49,252	49,035	45,408	43,439	43,653	43,357	38,419	35,352
Low Fat	-	12,087	16,925	17,222	20,403	19,563	21,042	1/
Condensed Milk (Unsweetened):								
Bulk Goods (Whole)	55,449	38,336	43,186	44,683	48,125	35,664	33,812	1/
(Skimmed)	111,719	43,883	57,658	58,327	42,743	47,886	61,353	47,013
Nonfat Dry Milk For Human Food	45,465	14,752	48,301	57,447	55,461	62,234	36,524	1/
Dry Buttermilk	581	640	1/	1/	1,168	968	1,048	1/
				1,000 Gallons				
Ice Cream, Total	70,878	72,976	79,939	71,321	72,969	77,053	80,250	84,275
Ice Milk, Total	10,672	16,817	15,187	13,978	13,695	14,328	14,901	15,020
Ice Milk, Soft	-	9,660	9,881	9,696	9,698	9,938	10,728	10,961
Milk Sherbet	3,447	2,956	3,562	3,736	3,627	3,702	3,845	3,941
Water Ices	3,402	2,674	2,164	1,709	1,742	2,025	1,975	2,368
Ice Cream Mix	36,669	37,495	41,001	37,297	38,157	40,436	42,071	44,518
Ice Milk Mix	7,493	8,760	7,045	6,997	7,259	7,457	7,434	7,292
Milk Sherbet Mix	2,444	1,903	2,309	2,420	2,402	2,504	2,588	2,667
Other Frozen Dairy Products	156	787	1,153	2,211	1,855	1,965	969	1,403

1/ Production not shown when less than 3 plants or individual plant operations might be disclosed.

PENNSYLVANIA: RANK AMONG STATES IN MANUFACTURED DAIRY PRODUCTS, 1985

Item	1	2	3	4	5	6	7	8	9	10
Butter	Wisc.	Calif.	Minn.	Wash.	PA.	Mich.	N.Y.	Mo.	Ohio	Ind.
Italian Cheese, Total	Wisc.	N.Y.	Calif.	PA.	Nebr.	S. Dak.	Ill.	Minn.	Wash.	N.J.
Creamed Cottage Cheese	N.Y.	Calif.	Ill.	Ohio	Wisc.	Mich.	PA.	Ind.	Wash.	Mo.
Ice Cream	Calif.	PA.	Texas	Mass.	N.Y.	Ohio	Minn.	Fla.	Mich.	Ind.
Ice Milk	Calif.	Texas	Fla.	Ill.	PA.	Ohio	Mich.	Minn.	Ga.	Mo.
Milk Sherbet	Calif.	PA.	N.Y.	Ohio	Texas	Mass.	Ind.	Iowa	Fla.	Minn.
Total Frozen Products	Calif.	PA.	Texas	Ohio	N.Y.	Fla.	Mass.	Minn.	Ill.	Mich.
Whole Milk In Manufactured Milk Products	Wisc.	Minn.	Calif.	N.Y.	PA.	Iowa	Wash.	Ohio	Mo.	Mich.

LIVESTOCK INVENTORY AND PRODUCTION — 1985

By Norman W. Bennett

CATTLE INVENTORY UNCHANGED: On January 1, 1986, there were an estimated 1,960,000 cattle and calves on 46,000 Pennsylvania cattle farms. This is identical to last year's January 1 inventory figure. The inventory value of 1.03 billion dollars was down nearly 9 percent from a year earlier. Average value per head was $525.00. The Commonwealth ranked 19th in the nation for cattle inventory on January 1, 1986 which was the same position held a year ago.

Inventory of milk cows came in at 747,000 head on the 21,000 dairy farms. This level was an increase of 2 percent over the previous year. Milk replacement heifers 500 pounds and over decreased nearly 7 percent to a level of 290,000 head.

Beef cows that have calved remained at the previous year's level of 190,000 head. Beef replacement heifers 500 pounds and over at 37,000 head decreased 10 percent from the January 1, 1985 level. Other heifers weighing 500 pounds or more which were being fed for the slaughter market came in at 49,000 head, an increase of 14 percent. Steers 500 pounds and over numbered 225,000 head, a decrease of 2 percent, while bulls were down over 12 percent to a level of 29,000 head. The number of steers, bulls, and heifers weighing less than 500 pounds totaled 393,000, up 4 percent from January 1, 1985.

CALF CROP INCREASES: The 1985 calf crop in the Commonwealth was 840,000 head, up 1 percent from the 1984 calf crop. This figure tied the second largest Pennsylvania calf crop since 1971.

CATTLE ON FEED NUMBERS UNCHANGED: Cattle and calves on full feed for the slaughter market numbered 85,000 head as of January 1, 1986, unchanged from the previous year. These cattle are being fed a full ration of grain or other concentrates and are expected to produce a carcass that will grade good or better. These cattle and calves on feed are also included in the total cattle inventory estimates by classes.

HOG INVENTORY DECREASES: There were an estimated 780,000 hogs and pigs on 12,000 Pennsylvania farms as of December 1, 1985. This is a decrease of 20,000 head from a year earlier. Total inventory value decreased also to a level of $60,060,000, 5 percent below the 1984 figure. The Commonwealth's breeding stock came in at 85,000 head which was nearly 6 percent below the December 1, 1984 level. Pennsylvania ranked 16th in the nation as of December 1, 1985 for hog and pig inventory.

PIG CROP DOWN 8 PERCENT: The total pig crop for 1985 (December 1984-November 1985) was 1,071,000, nearly 8 percent less than the number for the same period in 1984. The spring (December-May) pig crop was down a sizable 14 percent from the previous year. The fall (June-November) pig crop declined only 1 percent from the same period a year ago. Sows farrowing December 1984February 1985 declined 19 percent while March-May 1985 farrowings were down only 3 percent. Sows farrowing June-August remained the same as the same period a year earlier and sows farrowing September-November were 6 percent below the previous year's figure.

SHEEP INVENTORY INCREASES: On January 1, 1986 there were 93,000 sheep and lambs on Pennsylvania's 4,900 sheep farms. This is 6 percent above the previous year's record low inventory. Of the total number on hand, 68,000 were ewes one year old and older, 6,000 were rams and wethers one year old and older, 14,000 were ewe lambs, and 5,000 were ram and wether lambs. The inventory value of all sheep and lambs was $7,812,000, 32 percent above the value on January 1 a year earlier. Pennsylvania ranked 23rd among states based on all sheep and lamb inventory as of January 1, 1986.

LAMB CROP LOWER: The 1985 Pennsylvania lamb crop was estimated at 75,000 head, over 6 percent below the 1984 number. The lambing rate for 1985 was 112 lambs saved per 100 ewes one year old and older compared with the rate of 104 saved in 1984.

WOOL PRODUCTION DOWN: During 1985, 85,000 sheep were shorn on Pennsylvania farms, a decrease of 12 percent from 1984. In turn, wool production was down to a level of 570,000 pounds compared to 650,000 the previous year. Average fleece weight was identical to the figure a year ago of 6.7 pounds. The annual average price decreased significantly from 70 cents per pound in 1984 to 50 cents per pound in 1985.

RED MEAT PRODUCTION DECREASES: Commercial red meat production in 1985 by the 337 commercial slaughter establishments in the Commonwealth totaled 934,464,000 pounds, down 5 percent from 1984. Hog and sheep and lamb slaughter were below their 1984 levels while cattle and calf slaughter were up from the previous year. There were 15 slaughtering establishments under federal inspection on January 1, 1985 which had discontinued their operation by January 1, 1986. During 1985, 244 federally inspected plants slaughtered 970,600 cattle, 189 plants slaughtered 298,900 calves, 230 plants slaughtered 1,616,900 hogs, and 202 plants slaughtered 138,900 sheep and lambs.

PENNSYLVANIA: LIVESTOCK ON FARMS AND VALUE, JANUARY 1, 1960-1986

Year	Hogs & Pigs 1/		Cattle & Calves		Sheep & Lambs		3 Species
	Number	Value	Number	Value	Number	Value	Value
			Thousands				
1960	558	$12,332	1,913	$ 390,252	250	$3,800	$ 406,384
1965	424	18,020	1,874	335,446	189	2,778	348,917
1970	570	21,204	1,781	445,250	165	3,548	470,002
1975	590	27,435	1,960	529,200	125	3,500	560,135
1979	820	64,780	1,840	975,200	95	4,431	1,044,441
1980	870	50,460	1,950	1,423,500	105	6,405	1,480,365
1981	980	63,700	2,000	1,500,000	105	6,720	1,597,670
1982	750	55,875	2,100	1,438,500	125	7,500	1,501,875
1983	870	66,990	2,000	1,290,000	98	6,223	1,363,213
1984	950	59,375	1,970	1,162,300	104	6,656	1,228,331
1985	800	63,200	1,960	1,127,000	88	5,896	1,196,096
1986	780	60,060	1,960	1,029,000	93	7,812	1,096,872

1/ December 1 preceding year shown, 1970 to date.

PENNSYLVANIA: PIG CROP, 1960-1985

Year	Spring Crop (December-May)			Fall Crop (June-November)			Total Pig Crop
	Sows Farrowed	Pigs Per Litter	Pigs Saved	Sows Farrowed	Pigs Per Litter	Pigs Saved	
1960	61,000	7.1	433,000	54,000	7.2	389,000	822,000
1965	42,000	7.5	315,000	38,000	7.8	296,000	611,000
1970	57,000	7.5	428,000	56,000	7.6	426,000	854,000
1975	63,000	7.7	485,000	49,000	7.9	387,000	872,000
1979	80,000	7.5	600,000	73,000	7.3	533,000	1,133,000
1980	87,000	7.5	653,000	85,000	7.4	629,000	1,282,000
1981	83,000	8.0	664,000	63,000	7.8	491,000	1,155,000
1982	48,000	7.9	379,000	70,000	8.1	567,000	946,000
1983	80,000	8.0	640,000	82,000	8.0	656,000	1,296,000
1984	77,000	8.0	616,000	68,000	8.0	544,000	1,160,000
1985	68,000	7.8	530,000	66,000	8.2	541,000	1,071,000

PENNSYLVANIA: CALF CROP, 1960-1985

Year	All Cows That Have Calved 1/		Heifers 500 Pounds And Over 1/		Calves Under 500 Pounds 1/	Calves Born
	Milk Cows	Beef Cows	Milk Cow Replacement	Beef Cow Replacement		
			Thousand Head			
1960 2/	978	90	242	35	339	918
1965 2/	929	104	223	42	326	888
1970	712	145	210	35	306	831
1975	686	176	236	49	417	800
1979	703	171	230	42	364	760
1980	712	198	266	46	398	800
1981	718	200	274	50	404	850
1982	730	247	307	44	411	840
1983	738	212	298	48	388	820
1984	738	198	290	39	382	830
1985	735	190	310	41	378	840

1/ January 1 inventory. 2/ Prior to 1970, cattle were estimated by age.

PENNSYLVANIA: LAMB AND WOOL CROPS, 1960-1985

Year	Breeding Ewes 1 Year & Older January 1	Lambs Saved Per 100 Ewes 1+ January 1	Lambs Saved	Sheep Shorn	Weight Per Fleece	Wool Production	Value Of Wool Production
	Thousand	Number	Thousand		Pounds	1,000 Lbs.	1,000 Dollars
1960	169	95	161	230	7.3	1,679	823
1965	133	102	136	174	7.6	1,322	740
1970	122	101	123	152	7.3	1,110	477
1975	94	106	100	115	7.0	805	314
1979	70	110	77	93	7.1	660	561
1980	78	106	83	98	6.9	676	527
1981	79	110	87	100	6.7	670	536
1982	95	84	80	90	6.8	612	226
1983	75	107	80	95	6.8	646	291
1984	77	104	80	97	6.7	650	455
1985	67	112	75	85	6.7	570	285

PENNSYLVANIA: LIVESTOCK AND POULTRY INVENTORY, 1980-1986

Specie & Class	Number On Farms December 1					
	1980	1981	1982	1983	1984	1985
	Thousand Head					
Hogs And Pigs	980	750	870	950	800	780
Kept For Breeding	123	81	87	110	90	85
Market Hogs And Pigs	857	669	783	840	710	695
Under 60 Pounds	309	219	303	353	316	278
60-119 Pounds	257	207	210	202	140	163
120-179 Pounds	167	120	137	147	131	134
180 Pounds And Over	124	123	133	138	123	120
Chickens, Excluding Broilers	20,950	21,600	22,500	23,800	22,500	22,100
Hens And Pullets Of Laying Age	16,850	17,150	17,600	17,300	18,500	18,400
Hens	6,080	6,020	5,150	6,850	5,000	8,300
Pullets	10,770	11,130	12,450	10,450	13,500	10,100
Pullets Not Of Laying Age	3,974	4,256	4,730	6,340	3,800	3,520
3 Months And Older	1,676	2,043	2,430	2,940	1,880	1,710
Under 3 Months	2,298	2,213	2,300	3,400	1,920	1,810
Other Chickens, Excluding Broilers	126	194	170	160	200	180

	Number On Farms January 1					
	1981	1982	1983	1984	1985	1986
	Thousand Head					
Cattle And Calves	2,000	2,100	2,000	1,970	1,960	1,960
Cows And Heifers Calved	918	977	950	936	925	937
Milk Cows	718	730	738	738	735	747
Beef Cows	200	247	212	198	190	190
Heifers 500 Pounds And Over	374	393	386	376	394	376
Milk Cow Replacement	274	307	298	290	310	290
Beef Cow Replacement	50	44	48	39	41	37
Other	50	42	40	47	43	49
Steers 500 Pounds And Over	262	275	234	240	230	225
Bulls 500 Pounds And Over	42	44	42	36	33	29
Heifers, Steers And Bulls Under 500 Pounds	404	411	388	382	378	393
Cattle And Calves On Feed	78	75	75	80	85	85
Sheep And Lambs	105	125	98	104	88	93
Lambs	21	25	18	20	16	19
Ewes	17	19	14	15	12	14
Rams And Wethers	4	6	4	5	4	5
Sheep 1 Year And Older	84	100	80	84	72	74
Ewes	79	95	75	77	67	68
Rams And Wethers	5	5	5	7	5	6

PENNSYLVANIA: LIVESTOCK ON FARMS AND VALUE, 1985-1986

County & District	No. & Value December 1, 1985		Number And Value January 1, 1986				All Livestock
	Hogs And Pigs		Cattle And Calves		Sheep & Lambs		
	Head Number	Value Dollars	Head Number	Value Dollars	Head Number	Value Dollars	Value Dollars
Crawford	4,200	323,400	52,700	27,667,500	1,300	109,200	28,100,100
Erie	2,300	177,100	38,000	19,950,000	550	46,200	20,173,300
Forest	100	7,700	1,200	630,000	50	4,200	641,900
Mercer	6,200	477,400	36,000	18,900,000	1,500	126,000	19,503,400
Venango	1,300	100,100	11,800	6,195,000	900	75,600	6,370,700
Warren	900	69,300	15,300	8,032,500	700	58,800	8,160,600
NORTHWESTERN, TOTAL	**15,000**	**1,155,000**	**155,000**	**81,375,000**	**5,000**	**420,000**	**82,950,000**
Bradford	2,100	161,700	91,000	47,775,000	5,000	420,000	48,356,700
Cameron	100	7,700	400	210,000	-	-	217,700
Clinton	1,800	138,600	12,700	6,667,500	150	12,600	6,818,700
Elk	200	15,400	3,000	1,575,000	50	4,200	1,594,600
Lycoming	4,400	338,800	25,500	13,387,500	1,200	100,800	13,827,100
McKean	200	15,400	6,700	3,517,500	550	46,200	3,579,100
Potter	200	15,400	17,300	9,082,500	700	58,800	9,156,700
Sullivan	300	23,100	8,300	4,357,500	450	37,800	4,418,400
Tioga	2,200	169,400	49,100	25,777,500	3,400	285,600	26,232,500
NORTH CENTRAL, TOTAL	**11,500**	**885,500**	**214,000**	**112,350,000**	**11,500**	**966,000**	**114,201,500**
Lackawanna	800	61,600	10,000	5,250,000	350	29,400	5,341,000
Susquehanna	1,100	84,700	46,000	24,150,000	1,250	105,000	24,339,700
Wayne	300	23,100	33,500	17,587,500	750	63,000	17,673,600
Wyoming	800	61,600	17,500	9,187,500	650	54,600	9,303,700
NORTHEASTERN, TOTAL	**3,000**	**231,000**	**107,000**	**56,175,000**	**3,000**	**252,000**	**56,658,000**
Armstrong	3,500	269,500	20,700	10,867,500	1,300	109,200	11,246,200
Beaver	1,700	130,900	11,500	6,037,500	1,400	117,600	6,286,000
Butler	10,600	816,200	29,000	15,225,000	3,800	319,200	16,360,400
Clarion	2,300	177,100	19,800	10,395,000	550	46,200	10,618,300
Indiana	7,500	577,500	29,500	15,487,500	1,500	126,000	16,191,000
Jefferson	1,300	100,100	16,000	8,400,000	750	63,000	8,563,100
Lawrence	7,100	546,700	24,000	12,600,000	1,800	151,200	13,297,900
WEST CENTRAL, TOTAL	**34,000**	**2,618,000**	**150,500**	**79,012,500**	**11,100**	**932,400**	**82,562,900**
Blair	3,600	277,200	30,700	16,117,500	600	50,400	16,445,100
Cambria	4,500	346,500	13,400	7,035,000	500	42,000	7,423,500
Centre	6,700	515,900	35,000	18,375,000	1,800	151,200	19,042,100
Clearfield	700	53,900	9,500	4,987,500	400	33,600	5,075,000
Columbia	8,400	646,800	15,000	7,875,000	500	42,000	8,563,800
Dauphin	11,500	885,500	26,000	13,650,000	1,700	142,800	14,678,300
Huntingdon	3,900	300,300	29,400	15,435,000	800	67,200	15,802,500
Juniata	9,200	708,400	22,000	11,550,000	900	75,600	12,334,000
Mifflin	9,800	754,600	28,000	14,700,000	800	67,200	15,521,800
Montour	7,300	562,100	6,700	3,517,500	200	16,800	4,096,400
Northumberland	27,000	2,079,000	19,500	10,237,500	1,300	109,200	12,425,700
Perry	6,900	531,300	23,800	12,495,000	800	67,200	13,093,500
Snyder	19,500	1,501,500	21,000	11,025,000	600	50,400	12,576,900
Union	12,000	924,000	20,500	10,762,500	300	25,200	11,711,700
CENTRAL, TOTAL	**131,000**	**10,087,000**	**300,500**	**157,762,500**	**11,200**	**940,800**	**168,790,300**
Carbon	1,000	77,000	1,800	945,000	200	16,800	1,038,800
Lehigh	9,000	693,000	5,500	2,887,500	600	50,400	3,630,900
Luzerne	1,600	123,200	8,900	4,672,500	500	42,000	4,837,700
Monroe	900	69,300	3,900	2,047,500	200	16,800	2,133,600
Northampton	5,400	415,800	16,900	8,872,500	900	75,600	9,363,900
Pike	100	7,700	500	262,500	-	-	270,200
Schuylkill	21,000	1,617,000	12,500	6,562,500	700	58,800	8,238,300
EAST CENTRAL, TOTAL	**39,000**	**3,003,000**	**50,000**	**26,250,000**	**3,100**	**260,400**	**29,513,400**
Allegheny	800	61,600	6,000	3,150,000	1,000	84,000	3,295,600
Fayette	2,600	200,200	23,000	12,075,000	1,400	117,600	12,392,800
Greene	800	61,600	21,500	11,287,500	8,500	714,000	12,063,100
Somerset	8,300	639,100	51,500	27,037,500	2,500	210,000	27,886,600
Washington	2,800	215,600	46,000	24,150,000	7,500	630,000	24,995,600
Westmoreland	5,200	400,400	35,000	18,375,000	3,000	252,000	19,027,400
SOUTHWESTERN, TOTAL	**20,500**	**1,578,500**	**183,000**	**96,075,000**	**23,900**	**2,007,600**	**99,661,100**
Adams	18,500	1,424,500	35,400	18,585,000	2,700	226,800	20,236,300
Bedford	7,500	577,500	54,000	28,350,000	1,000	84,000	29,011,500
Cumberland	24,000	1,848,000	48,600	25,515,000	1,800	151,200	27,514,200
Franklin	32,200	2,479,400	93,000	48,825,000	1,400	117,600	51,422,000
Fulton	7,800	600,600	18,000	9,450,000	400	33,600	10,084,200
York	43,000	3,311,000	55,000	28,875,000	3,200	268,800	32,454,800
SOUTH CENTRAL, TOTAL	**133,000**	**10,241,000**	**304,000**	**159,600,000**	**10,500**	**882,000**	**170,723,000**
Berks	39,000	3,003,000	77,500	40,687,500	1,900	159,600	43,850,100
Bucks	5,500	423,500	18,500	9,712,500	1,800	151,200	10,287,200
Chester	13,800	1,062,600	65,500	34,387,500	1,700	142,800	35,592,900
Delaware	900	69,300	1,300	682,500	500	42,000	793,800
Lancaster	282,000	21,714,000	264,000	138,600,000	5,400	453,600	160,767,600
Lebanon	44,000	3,388,000	52,000	27,300,000	1,100	92,400	30,780,400
Montgomery	7,800	600,600	17,200	9,030,000	1,300	109,200	9,739,800
Philadelphia	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**393,000**	**30,261,000**	**496,000**	**260,400,000**	**13,700**	**1,150,800**	**291,811,800**
PENNSYLVANIA	**780,000**	**60,060,000**	**1,960,000**	**1,029,000,000**	**93,000**	**7,812,000**	**1,096,872,000**

PENNSYLVANIA: COMMERCIAL SLAUGHTER OF LIVESTOCK, 1984-1985 1/

Month	Number of Head		Liveweight			
			Per Head		Total Pounds	
	1984	1985	1984	1985	1984	1985
			Cattle			
Jan.-Mar....	250,000	230,800	1,185	1,179	296,272,000	272,113,000
Apr.-June...	233,100	226,700	1,138	1,168	265,236,000	264,726,000
July-Sept...	236,100	242,800	1,111	1,158	262,370,000	281,279,000
Oct.-Dec....	258,200	288,100	1,128	1,179	291,219,000	339,729,000
Annual...	977,400	988,200	1,141	1,172	1,115,097,000	1,157,847,000
			Calves			
Jan.-Mar....	72,000	76,700	170	171	12,210,000	13,126,000
Apr.-June...	60,900	58,700	172	173	10,501,000	10,142,000
July-Sept...	77,600	81,300	162	166	12,564,000	13,502,000
Oct.-Dec....	76,300	84,800	171	166	13,016,000	14,039,000
Annual...	286,700	301,300	168	169	48,291,000	50,810,000
			Hogs			
Jan.-Mar....	789,500	426,700	234	235	184,415,000	100,251,000
Apr.-June...	474,300	411,400	234	234	111,030,000	96,312,000
July-Sept...	406,400	373,400	238	231	96,766,000	86,387,000
Oct.-Dec....	468,100	418,400	239	234	111,843,000	97,894,000
Annual...	2,138,400	1,629,900	236	234	504,053,000	380,844,000
			Sheep And Lambs			
Jan.-Mar....	35,900	40,700	105	105	3,771,000	4,272,000
Apr.-June...	48,900	36,700	100	100	4,914,000	3,680,000
July-Sept...	45,400	34,700	101	105	4,577,000	3,634,000
Oct.-Dec....	43,100	29,000	103	107	4,434,000	3,098,000
Annual...	173,200	140,900	102	104	17,694,000	14,684,000

1/ Quarterly may not add to annual due to rounding.

PENNSYLVANIA: CATTLE AND CALVES - PERCENT OF OPERATIONS AND INVENTORY BY SIZE GROUPS, 1979-1985

Year	1-49 Head		50-99 Head		100-499 Head		500 Head And Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
				Percent				
1979.....	74.0	29.3	18.5	34.4	7.5	33.3	1/	3.1
1980.....	72.9	26.5	19.1	35.7	8.0	35.7	1/	2.1
1981.....	71.5	25.5	20.0	36.0	8.5	35.5	1/	3.0
1982.....	70.2	26.5	20.0	33.0	9.8	37.9	1/	2.6
1983.....	70.2	26.3	19.4	32.3	10.4	38.7	1/	2.7
1984.....	68.1	24.2	20.4	32.6	11.5	40.5	1/	2.7
1985.....	69.6	23.5	18.7	31.5	11.7	41.9	1/	3.1

1/ Combined with next smaller size group.

PENNSYLVANIA: MILK COWS - PERCENT OF OPERATIONS AND INVENTORY BY SIZE GROUPS, 1979-1985

Year	1-29 Head		30-49 Head		50-99 Head		100 Head And Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
				Percent				
1979.....	51.5	16.5	29.0	34.5	15.5	31.5	4.0	17.5
1980.....	49.0	15.0	30.0	34.5	16.5	32.0	4.5	18.5
1981.....	44.5	13.5	32.5	35.0	18.5	33.0	4.5	18.5
1982.....	43.5	14.0	31.5	33.0	20.0	34.5	5.0	18.5
1983.....	43.5	13.0	30.0	31.5	21.5	36.5	5.0	19.0
1984.....	38.6	11.3	30.5	31.6	25.7	38.9	5.2	18.2
1985.....	39.1	11.0	30.0	29.1	25.2	39.2	5.7	20.7

PENNSYLVANIA: COMMERCIAL SLAUGHTER OF LIVESTOCK, 1960-1985

Year	Cattle		Calves		Hogs		Sheep & Lambs	
	Head	Total Liveweight	Head	Total Liveweight	Head	Total Liveweight	Head	Total Liveweight
	Thousands							
1960.....	830.0	900,687	668.0	84,586	2,725	593,126	392.5	35,779
1965.....	901.0	961,949	643.0	84,717	2,910	661,201	197.3	17,632
1970.....	745.5	841,645	374.0	50,165	3,783	847,031	106.9	9,706
1975.....	938.5	999,105	343.4	39,862	2,452	559,107	153.8	15,127
1979.....	757.5	867,381	248.4	37,426	3,325	743,951	157.7	16,094
1980.....	715.5	813,313	253.9	38,746	3,388	760,776	153.3	15,602
1981.....	761.8	862,058	256.0	42,141	2,650	605,356	170.1	17,257
1982.....	857.8	968,041	305.6	47,521	1,993	461,062	176.9	17,716
1983.....	948.9	1,087,388	302.9	51,027	2,448	566,536	150.7	15,214
1984.....	977.4	1,115,097	286.7	48,291	2,138	504,053	173.2	17,694
1985.....	988.2	1,157,847	301.3	50,810	1,630	380,844	140.9	14,684

PENNSYLVANIA: CATTLE AND CALVES PRODUCTION, DISPOSITION AND INCOME, 1960-1985

Year	Inventory January 1	Calf Crop	Inshipments	Marketings		Farm Slaughter	Deaths		Inventory January 1 Following	Gross Income 1/
				Cattle	Calves		Cattle	Calves		
	Thousands									
1960.....	1,913	918	167	413	478	43	28	85	1,951	$ 99,637
1965.....	1,874	888	151	465	477	41	28	84	1,818	101,706
1970.....	1,781	831	120	396	455	22	26	70	1,763	128,514
1975.....	1,960	800	99	402	347	20	35	95	1,960	152,624
1979.....	1,840	760	95	345	264	21	30	85	1,950	285,831
1980.....	1,950	800	120	435	286	24	35	90	2,000	329,108
1981.....	2,000	850	125	455	295	15	30	80	2,100	310,758
1982.....	2,100	840	120	558	367	20	35	80	2,000	367,633
1983.....	2,000	820	140	503	353	19	35	80	1,970	336,343
1984.....	1,970	830	130	490	345	15	35	85	1,960	323,231
1985.....	1,960	840	130	495	345	15	35	80	1,960	310,222

1/ Value of marketings and home consumption.

PENNSYLVANIA: HOGS AND PIGS PRODUCTION, DISPOSITION AND INCOME, 1960-1985

Year	Inventory December 1 1/	Pigs Saved	Marketings	Farm Slaughter	Deaths	Inventory December 1	Gross Income 2/
	Thousands						
1960 3/.....	558	822	593	159	103	525	$ 27,507
1965.....	461	611	486	85	77	424	26,748
1970.....	570	854	659	46	92	627	38,464
1975.....	590	872	672	51	87	660	77,296
1979.....	820	1,133	876	57	150	870	92,946
1980.....	870	1,282	948	64	160	980	89,466
1981.....	980	1,155	1,215	40	130	750	134,847
1982.....	750	946	666	40	120	870	89,888
1983.....	870	1,296	1,081	25	110	950	123,987
1984.....	950	1,160	1,180	25	105	800	139,769
1985.....	800	1,071	971	30	90	780	106,908

1/ December 1 preceding year. 2/ Value of marketings and home consumption. 3/ 1960 data on basis of a January 1 inventory.

PENNSYLVANIA: SHEEP AND LAMB PRODUCTION, DISPOSITION AND INCOME, 1960-1985

Year	Inventory January 1	Lambs Saved	Marketings		Farm Slaughter	Deaths		Inventory January 1 Following	Gross Income 1/
			Sheep	Lambs		Sheep	Lambs		
	Thousands								
1960.....	250	161	38	98	4	24	13	235	$1,780
1965.....	189	136	21	86	4	19	10	185	1,815
1970.....	165	123	17	75	3	20	13	160	1,905
1975.....	125	100	7	64	3	21	10	120	2,412
1979.....	95	77	3	44	3	9	8	105	3,218
1980.....	105	83	10	47	5	11	10	105	3,169
1981.....	105	87	3	46	5	9	11	125	3,151
1982.....	125	80	37	47	3	8	12	98	3,806
1983.....	98	80	6	45	5	8	10	104	3,184
1984.....	104	80	24	50	3	8	11	88	3,796
1985.....	88	75	6	42	4	8	10	93	3,217

1/ Value of marketings and home consumption.

POULTRY SUMMARY — 1985

By Norman W. Bennett

Pennsylvania's laying flocks produced a record 4.77 billion eggs during the one year period ending November 30, 1985. This production level was 11 percent above the previous year and 1 percent above the 1983 figure. The average number of layers on hand during 1985 was 18,188,000, nearly 12 percent above the previous year.

On December 1, 1985, the number of chickens on farms (excluding broilers) totaled 22,100,000 birds, 2 percent below December 1, 1984 and 7 percent below two years ago. The estimated value of the total inventory was $36,465,000 or $1.65 per bird. The December 1 inventory consisted of 8,300,000 hens, 10,100,000 pullets of laying age, 3,520,000 pullets not yet of laying age and 180,000 other chickens.

The average price received for market eggs sold during the year ending November 30, 1985 was 53.0 cents per dozen compared with 70.0 cents per dozen a year earlier.

The Commonwealth's commercial hatcheries produced 150,850,000 chicks during 1985, nearly 18 percent above the production for 1984. Pennsylvania's egg-type hatch at 38,934,000 was 16 percent above the 1984 egg-type hatch while the broiler-type hatch of 111,916,000 was up almost 19 percent from the previous year. Pennsylvania ranks second in the nation for total egg-type chicks hatched.

Commercial broiler production in the Commonwealth during 1985 totaled 94,696,000 birds, 6 percent higher than the previous year. The total liveweight produced for 1985 was 397,723,000 pounds, 8 percent above the 366,684,000 pounds produced the year before. The average price per pound during 1985 was 31.0 cents, down 2.0 cents per pound from the previous year. The value of broiler production for the year was $123,294,000, up 2 percent from 1984.

The gross value from the production of poultry, excluding home consumption, was approximately $417,785,000 according to preliminary estimates. This was about 8 percent below the 1984 total value.

Pennsylvania turkey growers raised a record 7.1 million turkeys in 1985, up 16 percent from 1984. The total liveweight was 134.9 million pounds, 23 percent above the 1984 level of 109.8 million pounds. Average liveweight per bird was 19.0 pounds while the average price received per pound was 50.0 cents. This yielded a gross income of $67,450,000, up 4 percent from the previous year. During 1985 there were 4,054,000 poults hatched in the Commonwealth, a 14 percent increase over 1984.

Estimates of farm raised chickens were discontinued in 1985. For this reason, the table showing the value of poultry meat and egg production by county has been discontinued.

PENNSYLVANIA: CHICKEN INVENTORY ON FARMS, 1960-1985

Year	Layers			Pullets Not Laying	Other Chickens 2/	Total Chickens 1/	
	Hens	Pullets 2/	Total			Number	Value-Dollars
				Thousands			
January 1:							
1960	6,535	13,562	20,097	-	1,081	21,178	29,649
1965	7,117	9,070	16,187	3,188	201	19,576	29,364
1966	7,544	7,672	15,216	3,450	191	18,857	29,228
1967	6,488	8,728	15,216	3,892	191	19,299	29,913
1968	5,969	8,791	14,760	2,816	172	17,748	27,509
1969	6,152	8,262	14,414	2,988	176	17,578	28,125
December 1:							
1969	6,250	8,425	14,675	2,617	151	17,443	29,653
1970	6,213	8,633	14,846	3,239	157	18,242	28,275
1974	4,876	7,510	12,386	2,544	120	15,050	26,338
1975	4,958	6,427	11,385	2,353	112	13,850	23,545
1976	4,565	7,335	11,900	2,476	136	14,512	26,847
1977	6,025	8,175	14,200	2,855	165	17,220	32,718
1978	5,546	9,754	15,300	3,537	188	19,025	34,435
1979	5,230	11,370	16,600	4,121	209	20,930	35,581
1980	6,060	10,770	16,850	3,974	126	20,950	34,568
1981	6,020	11,130	17,150	4,256	194	21,600	36,720
1982	5,150	12,450	17,600	4,730	170	22,500	36,000
1983	6,850	10,450	17,300	6,340	160	23,800	44,030
1984	5,000	13,500	18,500	3,800	200	22,500	50,625
1985	8,300	10,100	18,400	3,520	180	22,100	36,465

1/ Chickens excluding commercial broilers. 2/ Before 1965 includes some pullets not of laying age.

PENNSYLVANIA: LAYERS, EGG PRODUCTION, EGG PRICES & HATCH DATA, BY MONTHS, 1960-1985

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Avg. Or Total 1/
NUMBER OF LAYERS (THOUSANDS)													
1960...	17,768	17,289	16,753	16,300	15,933	15,614	15,426	15,594	16,142	16,794	17,286	17,408	16,526
1965...	16,122	15,978	15,834	15,691	15,464	15,392	15,352	15,290	15,396	15,296	15,247	15,284	15,529
1970...	14,464	14,470	14,454	14,287	14,173	13,905	14,022	14,495	14,601	14,674	14,818	14,772	14,415
1975...	12,200	12,014	11,834	11,596	11,422	11,250	11,193	11,193	11,221	11,249	11,317	11,385	11,573
1978...	13,563	13,213	13,399	13,349	13,200	13,250	13,350	13,650	14,050	14,600	15,100	15,000	13,731
1979...	14,750	14,900	14,900	14,600	14,550	14,650	14,850	15,300	15,700	16,050	16,400	16,700	15,138
1980...	16,751	16,586	16,475	16,290	15,865	15,865	15,951	16,088	16,225	16,438	16,826	16,813	16,339
1981...	16,813	16,938	16,788	16,375	16,150	15,950	16,175	15,925	15,888	16,663	17,000	17,700	16,457
1982 2/	16,876	16,863	-	16,450	-	-	16,025	-	-	16,813	-	17,700	16,552
1983...	17,913	18,063	17,838	17,775	17,888	17,700	17,901	18,350	18,701	19,050	18,250	16,000	18,094
1984...	14,350	14,000	14,763	15,775	16,713	17,363	16,563	15,876	16,663	18,313	18,876	18,301	16,274
1985...	18,013	17,800	17,675	17,913	17,975	17,750	17,875	18,200	18,663	19,175	18,888	18,300	18,188
NUMBER OF EGGS PRODUCED (MILLION)													
1960...	319	299	316	307	316	289	284	277	268	281	281	292	3,529
1965...	298	271	302	298	305	287	289	281	268	268	256	269	3,392
1970...	276	247	276	269	277	262	266	269	265	275	265	276	3,220
1975...	252	228	248	236	241	228	230	224	213	227	225	233	2,800
1978...	287	252	283	274	282	278	290	291	288	309	308	324	3,436
1979...	319	287	322	308	321	312	319	329	321	333	341	368	3,836
1980...	378	347	369	353	352	339	344	341	339	361	360	375	4,251
1981...	375	338	377	356	352	335	348	342	333	367	370	389	4,268
1982 2/	383	343	-	1,075	-	-	1,023	-	-	1,111	-	406	4,324
1983...	406	367	399	383	394	375	389	397	395	419	387	357	4,716
1984...	317	286	321	331	365	371	372	357	367	421	417	415	4,282
1985...	406	359	398	389	400	381	395	403	399	422	407	406	4,774
AVERAGE PRICES RECEIVED FOR EGGS (PER DOZEN)													
1960...	.350	.330	.360	.430	.370	.360	.360	.400	.450	.510	.510	.510	.409
1965...	.330	.340	.330	.370	.300	.320	.340	.380	.400	.390	.410	.440	.361
1970...	.580	.530	.460	.360	.300	.300	.340	.340	.390	.340	.350	.390	.409
1975...	.582	.558	.539	.495	.565	.424	.446	.460	.521	.529	.536	.589	.512
1978...	.466	.425	.543	.524	.467	.415	.445	.507	.508	.511	.539	.583	.493
1979...	.595	.559	.598	.618	.569	.531	.531	.514	.536	.531	.515	.583	.557
1980...	.540	.456	.491	.480	.449	.438	.456	.521	.560	.555	.594	.684	.510
1981 3/	.637	.588	.581	.608	.567	.551	.540	.600	.620	.620	.650	.600	.600
1982...	.610	.660	.620	.610	.530	.480	.530	.460	.510	.550	.550	.510	.560
1983...	.500	.510	.520	.550	.560	.570	.540	.560	.620	.670	.710	.820	.567
1984...	.940	1.020	.840	.850	.650	.630	.580	.560	.560	.550	.550	.570	.700
1985...	.520	.460	.500	.500	.500	.470	.510	.520	.570	.600	.620	.670	.530
EGG-TYPE CHICK HATCH (THOUSANDS)													
1960...	1,919	2,850	4,617	4,613	4,589	2,602	1,010	799	994	840	787	1,288	26,908
1965...	1,951	2,072	3,539	3,608	3,423	2,975	1,442	1,971	1,450	1,547	1,903	1,640	27,521
1970...	2,458	2,422	3,201	3,289	2,995	2,382	2,463	1,606	2,224	2,107	1,664	1,942	28,753
1975...	1,535	1,815	2,360	2,592	2,363	2,087	1,638	1,650	1,508	1,710	1,272	1,564	22,094
1978...	1,725	1,188	1,893	2,303	2,515	2,500	1,858	1,800	1,619	1,899	2,090	1,991	23,381
1979...	2,476	2,337	2,904	2,953	3,141	2,887	2,248	2,242	1,792	2,143	2,584	2,113	29,820
1980...	2,336	2,614	2,832	3,264	2,971	3,226	3,266	3,007	3,003	3,046	2,448	2,914	34,927
1981...	2,673	2,123	3,421	3,536	3,841	2,906	3,078	3,195	2,646	3,334	2,649	3,137	36,542
1982...	3,234	4,342	4,261	4,491	4,709	4,476	3,271	4,068	3,156	3,029	3,354	3,511	45,902
1983...	3,762	3,948	4,857	3,885	4,929	4,814	3,347	3,801	3,352	3,543	3,546	2,264	46,048
1984...	1,544	1,709	3,100	4,144	4,102	3,581	2,537	2,087	2,152	2,785	3,115	2,852	33,708
1985...	2,363	2,319	3,337	3,666	3,741	3,555	3,299	2,852	2,759	3,303	3,722	4,018	38,934
BROILER-TYPE CHICK HATCH (THOUSANDS)													
1960...	4,638	4,067	4,492	4,194	5,218	4,596	5,040	4,264	3,590	3,722	4,039	4,668	52,528
1965...	4,439	4,396	4,651	4,830	4,990	4,987	4,867	4,605	4,507	3,938	4,365	4,650	55,225
1970...	6,283	5,815	6,347	6,337	6,648	6,555	6,328	6,441	5,718	5,754	5,937	6,276	74,439
1975...	6,641	6,185	7,286	7,278	7,469	7,172	7,677	7,283	6,948	7,283	6,597	7,314	85,133
1978...	9,067	8,391	9,725	9,383	10,391	10,151	9,764	9,757	8,903	9,312	9,122	9,572	113,538
1979...	10,115	9,232	10,855	10,549	11,198	10,914	10,743	10,826	9,716	9,075	9,237	10,306	122,766
1980...	10,330	10,151	10,933	10,726	11,283	10,815	10,474	10,436	9,830	10,397	9,602	10,235	125,212
1981...	10,495	9,502	11,208	10,904	11,342	10,759	11,025	10,220	10,424	10,150	9,627	10,649	126,305
1982...	10,591	9,334	11,262	10,927	11,191	11,071	11,020	10,684	10,187	10,114	9,733	10,495	126,609
1983...	10,363	9,217	10,956	9,436	9,013	8,454	8,320	9,049	9,013	8,652	7,354	7,317	107,144
1984...	7,149	6,753	8,234	7,895	8,208	7,831	7,811	8,169	7,924	8,010	7,413	8,849	94,246
1985...	8,964	7,756	9,829	9,003	9,678	9,151	9,857	9,683	9,738	9,080	9,032	10,145	111,916

1/ For layers, eggs, and prices, marketing year from 1970 to present runs from December 1 through November 30. 2/ For March through November 1982 average layer numbers and egg production estimates were made on a quarterly basis covering the periods March-May, June-August, and September-November. 3/ Beginning with 1981 average prices received are for market eggs only.

PENNSYLVANIA: CHICKENS ON FARMS AND VALUE DECEMBER 1, 1985 1/

County & District	Chickens: Number On Farms By Classes			All Chickens	
	Hens & Pullets Of Laying Age	Pullets Not Of Laying Age	Other Chickens	Number	Value (Dollars)
Crawford	230,700	5,000	300	236,000	389,400
Erie	30,800	14,100	100	45,000	74,300
Forest	1,500	400	100	2,000	3,300
Mercer	23,700	7,000	300	31,000	51,200
Venango	3,500	400	100	4,000	6,600
Warren	20,300	4,300	2,400	27,000	44,600
NORTHWESTERN, TOTAL	**310,500**	**31,200**	**3,300**	**345,000**	**569,400**
Bradford	236,000	75,500	1,500	313,000	516,400
Cameron	800	200	-	1,000	1,700
Clinton	27,100	2,600	300	30,000	49,500
Elk	92,100	5,300	600	98,000	161,700
Lycoming	76,900	7,600	500	85,000	140,200
McKean	4,100	1,900	-	6,000	9,900
Potter	9,200	2,600	200	12,000	19,800
Sullivan	3,500	400	100	4,000	6,600
Tioga	85,400	15,600	3,000	104,000	171,600
NORTH CENTRAL, TOTAL	**535,100**	**111,700**	**6,200**	**653,000**	**1,077,400**
Lackawanna	4,600	2,200	200	7,000	11,600
Susquehanna	10,300	3,100	600	14,000	23,100
Wayne	250,000	21,000	2,000	273,000	450,400
Wyoming	36,100	12,300	600	49,000	80,900
NORTHEASTERN, TOTAL	**301,000**	**38,600**	**3,400**	**343,000**	**566,000**
Armstrong	9,900	2,000	100	12,000	19,800
Beaver	19,400	1,400	1,200	22,000	36,300
Butler	87,200	5,500	4,300	97,000	160,100
Clarion	13,700	1,900	400	16,000	26,400
Indiana	245,500	14,800	700	261,000	430,600
Jefferson	12,900	1,800	300	15,000	24,800
Lawrence	117,600	6,000	400	124,000	204,600
WEST CENTRAL, TOTAL	**506,200**	**33,400**	**7,400**	**547,000**	**902,600**
Blair	40,300	2,400	300	43,000	70,900
Cambria	26,500	4,300	200	31,000	51,200
Centre	11,300	3,600	100	15,000	24,800
Clearfield	4,900	900	200	6,000	9,900
Columbia	40,400	3,500	1,100	45,000	74,300
Dauphin	698,000	85,000	2,000	785,000	1,295,200
Huntingdon	4,700	1,100	200	6,000	9,900
Juniata	200,300	23,500	6,200	230,000	379,500
Mifflin	102,200	49,400	13,400	165,000	272,200
Montour	39,900	12,700	400	53,000	87,500
Northumberland	261,200	2,900	900	265,000	437,200
Perry	185,000	13,600	1,400	200,000	330,000
Snyder	150,700	33,000	1,300	185,000	305,200
Union	244,600	6,100	300	251,000	414,100
CENTRAL, TOTAL	**2,010,000**	**242,000**	**28,000**	**2,280,000**	**3,761,900**
Carbon	11,300	1,500	200	13,000	21,500
Lehigh	88,700	11,800	500	101,000	166,600
Luzerne	98,200	2,000	800	101,000	166,600
Monroe	4,100	800	100	5,000	8,300
Northampton	92,000	35,200	800	128,000	211,200
Pike	2,400	500	100	3,000	5,000
Schuylkill	650,200	117,400	3,400	771,000	1,272,100
EAST CENTRAL, TOTAL	**946,900**	**169,200**	**5,900**	**1,122,000**	**1,851,300**
Allegheny	20,500	6,000	500	27,000	44,600
Fayette	54,000	32,300	700	87,000	143,500
Greene	3,000	900	100	4,000	6,600
Somerset	65,900	2,400	700	69,000	113,800
Washington	18,100	4,400	500	23,000	38,000
Westmoreland	60,800	1,000	2,200	64,000	105,600
SOUTHWESTERN, TOTAL	**222,300**	**47,000**	**4,700**	**274,000**	**452,100**
Adams	1,298,000	532,000	4,000	1,834,000	3,026,100
Bedford	12,400	2,500	100	15,000	24,800
Cumberland	290,000	80,500	1,500	372,000	613,800
Franklin	530,000	75,700	21,300	627,000	1,034,500
Fulton	3,000	800	200	4,000	6,600
York	758,000	133,100	8,900	900,000	1,485,000
SOUTH CENTRAL, TOTAL	**2,891,400**	**824,600**	**36,000**	**3,752,000**	**6,190,800**
Berks	306,000	147,300	700	454,000	749,100
Bucks	150,400	58,500	6,100	215,000	354,700
Chester	415,900	55,200	900	472,000	778,800
Delaware	1,500	400	100	2,000	3,300
Lancaster	8,773,000	1,560,500	74,500	10,408,000	17,173,200
Lebanon	794,000	189,600	1,400	985,000	1,625,200
Montgomery	235,000	10,700	1,300	247,000	407,500
Philadelphia	800	100	100	1,000	1,700
SOUTHEASTERN, TOTAL	**10,676,600**	**2,022,300**	**85,100**	**12,784,000**	**21,093,500**
PENNSYLVANIA	**18,400,000**	**3,520,000**	**180,000**	**22,100,000**	**36,465,000**

1/ Excludes broilers. Broiler production by county is shown later in this section.

PENNSYLVANIA: NUMBER OF LAYERS, EGG PRODUCTION AND VALUE OF PRODUCTION - 1985

County & District	Average Number Of Layers	Egg Production		Value Of Production
		Per Layer	Total	
	Number	Eggs	Eggs (000)	Dollars
Crawford	228,000	262	59,736	2,738,000
Erie	30,400	262	7,965	365,000
Forest	1,500	262	393	18,000
Mercer	23,400	263	6,154	282,000
Venango	3,500	263	921	42,000
Warren	20,100	262	5,266	241,000
NORTHWESTERN, TOTAL	**306,900**	**262**	**80,435**	**3,686,000**
Bradford	233,300	262	61,125	2,801,000
Cameron	800	263	210	9,000
Clinton	26,800	263	7,048	323,000
Elk	91,000	262	23,842	1,093,000
Lycoming	76,000	262	19,912	912,000
McKean	4,100	263	1,078	49,000
Potter	9,100	263	2,393	110,000
Sullivan	3,500	263	921	42,000
Tioga	84,400	262	22,113	1,013,000
NORTH CENTRAL, TOTAL	**529,000**	**262**	**138,642**	**6,352,000**
Lackawanna	4,500	262	1,179	54,000
Susquehanna	10,200	262	2,672	122,000
Wayne	247,100	262	64,740	2,967,000
Wyoming	35,700	262	9,353	429,000
NORTHEASTERN, TOTAL	**297,500**	**262**	**77,944**	**3,572,000**
Armstrong	9,800	262	2,568	118,000
Beaver	19,200	262	5,030	230,000
Butler	86,200	262	22,584	1,035,000
Clarion	13,500	262	3,537	162,000
Indiana	242,700	262	63,587	2,914,000
Jefferson	12,800	262	3,354	154,000
Lawrence	116,200	262	30,444	1,395,000
WEST CENTRAL, TOTAL	**500,400**	**262**	**131,104**	**6,008,000**
Blair	39,800	262	10,428	478,000
Cambria	26,200	262	6,864	315,000
Centre	11,200	262	2,934	134,000
Clearfield	4,800	262	1,258	58,000
Columbia	39,900	262	10,454	479,000
Dauphin	690,000	262	180,780	8,286,000
Huntingdon	4,600	262	1,205	55,000
Juniata	198,000	262	51,876	2,378,000
Mifflin	101,000	262	26,462	1,213,000
Montour	39,400	262	10,323	473,000
Northumberland	258,200	262	67,648	3,101,000
Perry	182,900	262	47,920	2,196,000
Snyder	149,000	262	39,038	1,789,000
Union	241,800	262	63,352	2,904,000
CENTRAL, TOTAL	**1,986,800**	**262**	**520,542**	**23,859,000**
Carbon	11,200	262	2,934	134,000
Lehigh	87,700	262	22,977	1,053,000
Luzerne	97,100	262	25,440	1,166,000
Monroe	4,100	262	1,074	49,000
Northampton	90,900	262	23,816	1,092,000
Pike	2,400	262	629	29,000
Schuylkill	642,700	262	168,387	7,718,000
EAST CENTRAL, TOTAL	**936,100**	**262**	**245,257**	**11,241,000**
Allegheny	20,300	262	5,319	244,000
Fayette	53,400	262	13,991	641,000
Greene	3,000	262	786	36,000
Somerset	65,100	262	17,056	782,000
Washington	17,900	262	4,690	215,000
Westmoreland	60,100	262	15,746	722,000
SOUTHWESTERN, TOTAL	**219,800**	**262**	**57,588**	**2,640,000**
Adams	1,283,000	262	336,146	15,407,000
Bedford	12,300	262	3,223	148,000
Cumberland	286,600	262	75,089	3,442,000
Franklin	523,900	262	137,262	6,291,000
Fulton	3,000	262	786	36,000
York	749,200	262	196,290	8,997,000
SOUTH CENTRAL, TOTAL	**2,858,000**	**262**	**748,796**	**34,321,000**
Berks	302,500	262	79,255	3,633,000
Bucks	148,600	262	38,933	1,784,000
Chester	411,100	262	107,708	4,937,000
Delaware	1,500	263	395	18,000
Lancaster	8,671,900	263	2,280,710	104,533,000
Lebanon	784,800	262	205,618	9,424,000
Montgomery	232,300	262	60,863	2,790,000
Philadelphia	800	263	210	10,000
SOUTHEASTERN, TOTAL	**10,553,500**	**263**	**2,773,692**	**127,129,000**
PENNSYLVANIA	**18,188,000**	**262**	**4,774,000**	**218,808,000**

PENNSYLVANIA: BROILER-TYPE EGGS SET, BROILER CHICKS HATCHED AND PLACED BY WEEKS, 1983-1985

Year And Week Ending	Eggs Set 1/	Chicks Hatched	Chicks Placed 2/	Year And Week Ending	Eggs Set 1/	Chicks Hatched	Chicks Placed 2/
		Thousand				Thousand	
1983:				1984:			
Nov. 19	2,274	1,734	1,730	Nov. 17	2,628	1,646	1,611
26	2,334	1,753	1,703	24	2,577	1,842	1,836
Dec. 3	2,223	1,737	1,734	Dec. 1	2,690	1,708	1,701
10	2,158	1,589	1,588	8	2,563	2,010	1,863
17	2,264	1,798	1,796	15	2,356	1,982	1,831
24	2,174	1,597	1,596	22	2,459	2,062	1,809
31	1,997	1,588	1,535	29	2,643	2,026	1,810
1984:				1985:			
Jan. 7	2,065	1,678	1,677	Jan. 5	2,699	1,834	1,778
14	1,887	1,691	1,688	12	2,655	1,941	1,829
21	2,059	1,559	1,553	19	2,491	2,109	1,892
28	2,006	1,596	1,592	26	2,322	2,122	1,992
Feb. 4	2,254	1,458	1,457	Feb. 2	2,327	2,077	1,808
11	2,268	1,643	1,640	9	2,769	1,975	1,796
18	2,249	1,563	1,562	16	2,894	1,824	1,700
25	2,327	1,700	1,696	23	2,816	1,814	1,729
Mar. 3	2,483	1,776	1,772	Mar. 2	2,759	2,170	1,900
10	2,455	1,737	1,735	9	2,776	2,276	1,967
17	2,392	1,775	1,769	16	2,498	2,198	1,939
24	2,105	1,979	1,974	23	2,421	2,196	1,916
31	2,466	1,981	1,975	30	2,858	2,248	2,048
Apr. 7	2,503	1,819	1,809	Apr. 6	2,679	2,028	1,911
14	2,458	1,651	1,639	13	2,598	1,888	1,775
21	2,361	1,907	1,901	20	2,914	2,282	2,027
28	2,168	1,977	1,971	27	2,850	2,193	1,988
May 5	2,474	1,890	1,885	May 4	2,800	2,103	1,985
12	2,391	1,886	1,879	11	2,541	2,293	2,030
19	2,285	1,692	1,687	18	2,783	2,244	1,916
26	2,299	1,962	1,957	25	2,835	2,203	1,982
June 2	2,316	1,847	1,843	June 1	2,674	2,027	1,841
9	2,425	1,828	1,824	8	2,636	2,145	1,997
16	2,039	1,829	1,804	15	2,896	2,221	2,030
23	2,307	1,745	1,742	22	2,971	2,090	1,964
30	2,082	1,901	1,897	29	2,746	2,081	1,890
July 7	2,336	1,655	1,647	July 6	2,774	2,269	2,118
14	2,321	1,851	1,846	13	2,680	2,380	1,989
21	2,180	1,635	1,631	20	2,659	2,147	1,744
28	2,156	1,856	1,852	27	2,948	2,217	1,846
Aug. 4	2,354	1,898	1,893	Aug. 3	2,876	2,046	1,699
11	2,522	1,721	1,719	10	3,076	2,061	1,797
18	2,318	1,713	1,709	17	2,810	2,222	1,885
25	2,289	1,955	1,954	24	2,915	2,236	1,821
				31	2,876	2,286	1,955
Sep. 1	2,353	1,979	1,973				
8	2,487	1,786	1,769	Sep. 7	2,870	2,201	1,917
15	2,180	1,811	1,760	14	2,880	2,307	1,929
22	2,182	1,853	1,852	21	2,661	2,288	2,002
29	2,392	1,949	1,940	28	2,340	2,288	1,970
Oct. 6	2,408	1,689	1,687	Oct. 5	2,540	2,288	1,974
13	2,596	1,717	1,713	12	2,586	2,026	1,839
20	2,024	1,847	1,839	19	2,245	1,913	1,605
27	2,158	1,827	1,824	26	2,557	2,030	1,763
Nov. 3	2,486	2,052	1,997	Nov. 2	3,121	2,069	1,921
10	2,374	1,581	1,478	9	2,838	1,792	1,660
TOTAL 3/	118,664	92,241	91,693	TOTAL 4/	140,376	108,924	97,525

1/ Eggs set include eggs for all broiler-type chicks, those to be raised as broilers and those to be raised as hatchery flock replacements. Broiler chicks hatched and placed included only chicks to be raised as broilers. 2/ Adjusted for chicks shipped out of State. 3/ Included weeks ending November 19, 1983 through November 10, 1984. 4/ Includes weeks ending November 17, 1984 through November 9, 1985.

PENNSYLVANIA: BROILERS PRODUCTION AND VALUE, 1985

County & District	Number Produced (000)	Pounds Produced (000)	Value Of Production (000)
Adams	1,710	7,182	2,226
Berks	4,430	18,606	5,768
Chester	3,920	16,464	5,104
Columbia	920	3,864	1,198
Cumberland	840	3,528	1,094
Dauphin	2,440	10,248	3,177
Franklin	2,080	8,736	2,708
Huntingdon	1,060	4,452	1,380
Juniata	5,930	24,906	7,721
Lancaster	41,930	176,106	54,593
Lebanon	10,270	43,134	13,372
Mifflin	1,140	4,788	1,484
Northumberland	2,300	9,660	2,995
Perry	3,300	13,860	4,297
Schuylkill	2,500	10,500	3,255
Snyder	4,570	19,194	5,950
Union	1,060	4,452	1,380
York	1,680	7,056	2,187
Other Counties	2,616	10,987	3,405
PENNSYLVANIA	**94,696**	**397,723**	**123,294**

PENNSYLVANIA: COMMERCIAL BROILERS AND ROASTERS - PRODUCTION AND INCOME, 1960-1985

Year	Number Produced	Pounds Per Bird	Pounds Produced	Price Per Pound	Gross Income
	Thousands	Pounds	Thousands	Cents	Thous. Dols.
1960	37,725	3.7	139,582	18.9	26,381
1965	42,962	3.9	167,552	17.6	29,489
1970 1/	53,677	4.0	214,708	15.6	33,494
1974	63,649	4.1	260,961	29.3	76,462
1975	65,770	4.1	269,657	31.5	84,942
1976	75,108	4.1	307,943	26.7	82,221
1977	88,140	4.0	352,560	25.2	88,845
1978	99,300	4.0	397,200	27.3	108,436
1979	109,206	4.1	447,745	27.5	123,130
1980	111,553	4.0	446,212	28.5	127,170
1981	115,058	4.0	460,232	30.0	138,070
1982	114,889	4.1	471,045	27.0	127,182
1983	102,642	4.1	420,832	28.0	117,833
1984	89,435	4.1	366,684	33.0	121,006
1985	94,696	4.2	397,723	31.0	123,294

1/ Beginning with 1970 marketing year ends November 30.

PENNSYLVANIA: EGGS - NUMBER PRODUCED, PRICE, AND VALUE OF PRODUCTION, 1960-1985

Year	Number Produced	Price Per Dozen	Value of Production
	Million	Cents/Doz.	Thous. Dols.
1960	3,529	40.9	120,280
1965	3,392	36.1	102,043
1970 1/	3,220	40.9	109,748
1974	2,759	54.0	124,555
1975	2,800	51.2	119,467
1976	2,701	56.8	127,847
1977	2,960	53.7	132,460
1978	3,436	49.3	141,163
1979	3,836	55.7	178,055
1980	4,251	51.0	180,668
1981	4,268	60.0	213,400
1982	4,324	58.0	208,993
1983	4,716	59.0	231,871
1984	4,282	72.0	256,920
1985	4,774	55.0	218,808

1/ Beginning with 1970 marketing year ends November 30.

PENNSYLVANIA: TURKEYS - HATCHED, RAISED AND VALUE, 1960-1985

Year	Total Hatched	Number Raised 1/	Average Liveweight	Pounds Produced	Price Per Pound	Value Of Production
	Thousand		Pounds	Thousand	Cents	Thous. Dols.
1960	1,436	1,605	18.8	30,136	30.8	9,282
1965	1,377	1,750	19.0	33,218	26.5	8,803
1970	1,633	2,266	19.6	44,414	25.4	11,274
1973	2,170	2,832	19.0	53,808	36.0	19,371
1974	2,254	2,951	19.0	56,069	33.5	18,783
1975	2,344	2,838	19.0	53,922	37.3	20,113
1976	2,256	3,695	19.0	70,205	38.0	26,678
1977	2,598	3,567	19.0	67,773	40.2	27,245
1978	1,876	3,450	18.0	62,100	47.4	29,435
1979	2,289	4,740	18.0	85,320	46.0	39,247
1980	2,320	5,510	17.0	93,670	45.0	42,152
1981	2,947	5,680	19.0	107,920	45.0	48,564
1982	3,155	5,300	19.0	100,700	47.0	47,329
1983	3,729	6,800	19.0	129,200	47.0	60,724
1984	3,565	6,100	18.0	109,800	59.0	64,782
1985	4,054	7,100	19.0	134,900	50.0	67,450

1/ Includes poults shipped into Pennsylvania.

MINK — 1985

By Norman W. Bennett

Pennsylvania mink ranchers produced 137,500 pelts in 1985 compared with 158,600 pelts in 1984. Demi-Buff remained the most common color with 15 percent of the total pelts produced followed by: Ranch Wild, 14 percent; Standard, 11 percent; Pastel, 10 percent; Sapphire, 10 percent and Gun-Metal, 9 percent.

The number of females bred to produce kits in 1986 totaled 39,100. Females bred as a percent of total for the major color classes were: Demi-Buff, 18 percent; Gun-Metal, 16 percent; Standard, 15 percent; Ranch Wild, 11 percent and Sapphire, 10 percent.

In 1985, United States mink pelt production totaled 4.17 million pelts. This total is over 1 percent less than the 4.22 million pelts produced in 1984. Wisconsin, the major mink state, produced 1.18 million pelts during the year.

By color class, the number of pelts as a percent of the total U.S. production was: Standard, 38.1 percent; Demi-Buff, 19.2 percent; Ranch Wild, 11.7 percent; Pastel, 8.0 percent; Violet, 4.9 percent and Gun-Metal, 4.2 percent. The remaining color classes accounted for 13.9 percent.

Female mink bred to produce kits in 1986 totaled 1.07 million, down nearly 4 percent from 1985. Bred females as a percent of total for the three major color classes were: Standard, 45.3 percent; Demi-Buff, 14.4 percent and Ranch Wild, 10.7 percent.

Females bred in the leading States are: Wisconsin, 291 thousand; Minnesota, 146 thousand and Utah, 144 thousand.

PENNNSYLVANIA: MINK PELTS PRODUCED AND FEMALES BRED, BY-COLOR CLASS, 1983-1986

Color Class	Pelts Produced			Females Bred To Produce Kits		
	1983	1984	1985	1984	1985	1986
Standard	19,300	2/	15,600	4,900	2/	6,000
Ranch Wild	4,500	5,600	19,600	1,200	2,000	4,200
Demi-Buff 1/	45,600	30,300	21,200	9,100	7,400	7,200
Pastel	25,700	20,600	14,100	5,100	5,300	2,800
Pale Brown	2,700	450	2/	2/	-	2/
Sapphire	14,600	15,700	13,500	4,900	5,000	4,000
Gunmetal	7,600	8,700	13,000	2,100	4,000	6,100
Platinum	1,400	2/	2/	390	2/	2/
Pearl	20,400	16,700	2/	5,000	3,800	2,100
Lavendar Hope	2/	-	-	2/	-	-
Pink	11,600	12,900	11,400	4,000	3,800	2,800
Violet Type	17,000	19,100	11,100	5,500	4,200	2,100
White	2/	2/	2/	2/	2/	2/
Misc. & Unclassified	2/	-	3,100	-	2/	400
PENNSYLVANIA TOTAL	174,700	158,600	137,500	44,000	42,400	39,100

1/ This color class includes demi-buff, dark brown, violet, pastel, standard and pearl crosses and others.
2/ Included in total to avoid disclosing indivicual cperations.

MINK RANCHES, PELTS PRODUCED, AND FEMALES BRED, MAJOR STATES, 1983-1986

State	Ranches Producing Pelts			Pelts Produced			Females Bred To Produce Kits In		
	1983	1984	1985	1983	1984	1985	1984	1985	1986
Georgia	21	13	11	54,200	30,200	24,400	11,200	11,000	6,900
Idaho	48	47	44	231,500	245,300	251,700	60,000	62,900	61,600
Illinois	26	26	24	202,900	205,400	184,500	49,300	45,200	47,300
Indiana	14	11	11	21,400	20,300	19,400	5,900	5,800	4,800
Iowa	45	44	36	156,700	155,700	147,800	45,500	46,200	42,600
Massachusetts	10	10	8	12,500	15,600	13,900	4,200	4,000	3,200
Michigan	54	56	53	144,500	167,500	166,500	42,700	42,400	40,400
Minnesota	148	156	160	553,800	591,600	571,200	142,100	146,900	146,300
New York	40	36	31	100,500	107,000	108,700	27,700	26,200	27,300
Ohio	43	43	36	152,100	143,800	137,200	39,700	39,200	32,800
Oregon	37	33	40	176,000	182,000	215,000	48,000	49,000	57,000
Pennsylvania	**49**	**48**	**47**	**174,700**	**158,600**	**137,500**	**44,000**	**42,400**	**39,100**
South Dakota	14	14	16	102,400	105,100	102,300	24,800	27,900	23,500
Utah	145	159	132	505,500	487,500	501,700	156,000	148,300	144,200
Washington	36	37	45	198,000	216,500	226,000	52,000	52,500	55,000
Wisconsin	252	241	235	1,169,400	1,188,800	1,179,300	309,700	313,300	291,200
All Other States	116	108	113	180,400	198,600	182,900	52,600	52,200	49,700
U.S. TOTAL	1,098	1,084	1,042	4,136,500	4,219,500	4,170,000	1,115,400	1,113,400	1,072,900

CROP PRODUCTION — 1985

By Blair L. Smith

1985 CROP SUMMARY: A warm, dry spring provided ample time for early fieldwork for many of the Commonwealth's producers. Spring plowing was completed by the end of May, three weeks ahead of the previous year and about a week ahead of the five-year normal. As with most of the crops the planting of oats had an early start. Oats planting was virtually complete by the third week of May, more than three weeks ahead of 1984 and almost two weeks ahead of the five-year normal. Potato planting was also well ahead of normal and was completed by the end of May. Corn planting was finished by mid-June, ahead of the previous year and the five-year average. Soybean plantings were closer to the normal schedule and were completed by the second week of July.

Topsoil moisture ratings were reported to be generally adequate across the state for most of the season with occasional reports of short moisture ratings. The growing season started with reports indicating soil moisture to be mostly short. From late May through early September our reporters indicated adequate moisture. During the month of September topsoil moisture was rated mostly short. The month of October had mixed ratings ranging from short to adequate.

Closer to normal precipitation occurred during mid-summer as the barley and wheat harvest got underway. The barley harvest began in mid-June while the wheat harvest began in early July. The barley and wheat harvests were both completed by the first week of August, ahead of the previous year, but about the same as normal.

Potato harvest began in late July, about a week ahead of normal. The completion of the potato harvest was ahead of the previous year but was the same as normal. Corn harvest for ensilage began in early August and was through by late October, about a week ahead of the previous year but also about normal. Corn harvest for grain began ahead of normal in late September and ended in late December, over a week behind normal. Tobacco harvest began by the second week of August and was completed by the third week of September. Soybean harvest began at the end of September and finished about a week behind normal during the first week of December. Fall plowing began in early August and continued through the end of October.

RECORD SMALL GRAIN YIELDS: Pennsylvania's 1985 production of oats, wheat, barley, and rye were above the 1983 and 1984 levels. Contributing mostly to the increased production were the record yields by all four crops.

Production of winter wheat was 10,080,000 bushels, 21 percent higher than the 1984 crop. Acres harvested totaled 210,000, 5 percent less than the previous year. Yield per harvested acre was 48.0, 26 percent higher than 1984. Oats production was 21,000,000 bushels, up 32 percent from 1984. Acres harvested were 300,000, up 7 percent and yield was 70 bushels per acre compared to 57 in 1984. Total production of barley in 1985 was 4,340,000, up 19 percent from the previous year. Acreage harvested was 70,000, the same as a year earlier and yield was 62 bushels per acre, 10 more than 1984. Rye production was 740,000 bushels, 28 percent above 1984's production. Acreage harvested was 20,000 acres, 18 percent above the previous year. The yield averaged 37 bushels per acre, 3 bushels higher than 1984.

RECORD CORN CROP: Pennsylvania corn for grain production in 1985 totaled a record 151,800,000 bushels, 2 percent above 1984's record production. Acres harvested were 1,380,000, also 2 percent above the previous year. Yield was 110 bushels per acre, the same as 1984's record yield.

Corn silage production of 6,518,000 tons was 6 percent below a year earlier. Acres harvested were 395,000, also 6 percent below the previous year. Yield per harvested acre averaged 16.5 tons, the same as 1984's record yield.

RECORD HAY CROP: All hay production in 1985 totaled 5,302,000 tons, up 4 percent from the previous year and a new record crop. Total acres of hay harvested was 1,990,000, 10,000 acres above 1984. The average yield was 2.66 tons per acre which broke the previous year's record yield of 2.57. Alfalfa hay production was also a record high at 2,772,000 tons, 3 percent above 1984's record production. A total of 840,000 acres were harvested, the same as the year before. A record yield of 3.30 tons per acre surpassed the previous year's record yield by 0.10 ton. Other hay production was a record 2,530,000 tons, 6 percent above last year's record high. A total of 1,150,000 acres were harvested, up 10,000 acres and a record 2.20 tons per acre were harvested.

SOYBEANS TIE RECORD: Soybean production for 1985 totaled 5,950,000 bushels, the same as 1984's record production. Acres harvested totaled 170,000 with an average yield of 35 bushels per acre. Both acres harvested and average yield were the same as last year's records.

POTATO PRODUCTION UP: Total production in 1985 was 5,720,000 cwt., up 11 percent from 1984. Acres harvested were 22,000, up 500 from the previous year. The average yield was 260 cwt. per acre, a new state record.

TOBACCO PRODUCTION: The state's farmers produced a total of 21,900,000 pounds of tobacco in 1985, down 2 percent from 1984. Total acres harvested were 11,500, down 500 from the previous year. The average yield was 1904 pounds per acre and was up 40 pounds from 1984. Of the total tobacco production, 15,600,000 pounds was Pennsylvania Seedleaf Type and 6,300,000 pounds was Maryland Type. Keystone farmers harvested 8,000 acres of Pennsylvania Seedleaf Type with an average yield of 1950 pounds. Maryland Type was harvested from 3,500 acres with an average yield of 1,800 pounds.

PENNSYLVANIA: SUMMARY OF PRINCIPAL CROPS HARVESTED IN 1985

Crop	Acres Harvested	Production 1/			Value 2/	
		Unit	Per Acre	Total	Per Unit	Total
				Thous.	Dols.	Thous. Dols.
Wheat	210,000	Bu.	48	10,080	3.00	30,240
Rye	20,000	Bu.	37	740	2.75	2,035
Oats	300,000	Bu.	70	21,000	1.25	26,250
Barley	70,000	Bu.	62	4,340	1.65	7,161
Soybeans	170,000	Bu.	35	5,950	4.65	27,668
Corn, For Grain	1,380,000	Bu.	110	151,800	2.70	409,860
Corn, For Silage	395,000	Ton	16.5	6,518	23.70	154,477
Hay, All	1,990,000	Ton	2.66	5,302	68.50	363,187
Hay, Alfalfa	840,000	Ton	3.30	2,772	-	-
Hay, Other	1,150,000	Ton	2.20	2,530	-	-
Potatoes	22,000	Cwt.	260	5,720	4.55	26,026
Tobacco--All	11,500	Lb.	1,904	21,900	.84	18,321
Mushrooms 3/	-	Lb.	-	275,196	.68	185,801
Strawberries	1,400	Cwt.	30	42	82.70	3,473
Fresh Vegetables:						
Sweet Corn	14,800	Cwt.	71	1,051	12.40	13,032
Tomatoes	4,800	Cwt.	160	768	15.60	11,981
Processing Vegetables 4/:	13,500	Ton	-	90.2	-	9,462
Snap Beans	4,500	Ton	3.43	15.4	207.00	3,196
Sweet Corn	4,100	Ton	3.97	16.3	52.10	848
Tomatoes	2,800	Ton	19.45	54.5	75.50	4,112
Pears	-	Ton	-	2.50	319.00	733
Cherries, Sweet	-	Ton	-	.50	1,310.00	655
Grapes	-	Ton	-	50.00	148.00	7,378
				Million Pounds		
Apples	-	Lb.	-	585	.094	54,810
Peaches	-	Lb.	-	37.4	.251	9,376
Cherries, Tart	-	Lb.	-	6.0	.268	1,608
TOTAL: ALL CROPS	-		-	-	-	1,363,534

1/ Excludes some quantities of vegetables and fruit not harvested or not marketed because of economic conditions and excess cullage of fruit. 2/ Includes allowance for loans outstanding and purchases by government valued at average loan and purchase rates. 3/ 1984 production year ending June 30, 1985. 4/ Includes some unlisted crops.

PENNSYLVANIA: ACREAGE, YIELD, PRODUCTION, DISPOSITION AND VALUE OF GRAINS AND HAY, 1960-1985

Year	Acres Harvested	Production		Used On Farms Where Grown	Sold	Season Average Price Per Unit	Value Of Production
		Per Acre	Total				
	Thousand	Bushel	Thous. Bu.	Thous. Bu.	Thous. Bu.	$/Bu.	Thous. Dols.
				Winter Wheat			
1960	535	29.5	15,782	3,485	12,297	1.67	26,356
1970	275	33.0	9,075	3,013	6,062	1.42	12,887
1980	250	37.0	9,250	1,572	7,678	4.10	37,925
1981	240	36.0	8,640	1/	1/	3.50	30,240
1982	228	36.0	8,208	1/	1/	3.25	26,676
1983	200	38.0	7,600	1/	1/	3.65	27,740
1984	220	38.0	8,360	1/	1/	3.60	30,096
1985	210	48.0	10,080	1/	1/	3.00	30,240
				Oats			
1960	653	42.5	27,752	24,422	3,330	.74	20,536
1970	395	57.0	22,515	17,337	5,178	.78	17,562
1980	340	56.0	19,040	14,280	4,760	2.13	40,555
1981	345	58.0	20,010	1/	1/	2.01	40,220
1982	335	59.0	19,765	1/	1/	1.74	34,391
1983	300	54.0	16,200	1/	1/	1.89	30,618
1984	280	57.0	15,960	1/	1/	1.94	30,962
1985	300	70.0	21,000	1/	1/	1.25	26,250
				Barley			
1960	168	45.0	7,560	5,594	1,966	.92	6,955
1970	172	50.0	8,600	6,278	2,322	.96	8,256
1980	75	50.0	3,750	2,437	1,313	2.89	10,838
1981	76	54.0	4,104	1/	1/	2.35	9,644
1982	65	52.0	3,380	1/	1/	1.95	6,591
1983	65	55.0	3,575	1/	1/	2.20	7,865
1984	70	52.0	3,640	1/	1/	2.45	8,918
1985	70	62.0	4,340	1/	1/	1.65	7,161
				Soybeans			
1960	7	23.0	161	37	124	2.10	338
1970	28	32.0	896	54	842	2.90	2,598
1980	130	24.5	3,185	144	3,041	7.60	24,206
1981	130	31.0	4,030	1/	1/	5.99	24,140
1982	135	31.0	4,185	1/	1/	5.45	22,808
1983	145	24.0	3,480	1/	1/	7.80	27,144
1984	170	35.0	5,950	1/	1/	5.84	34,748
1985	170	35.0	5,950	1/	1/	4.65	27,668
				Corn For Grain			
1960	923	67.0	61,841	38,341	23,500	1.22	75,446
1970	924	89.0	81,346	49,621	31,725	1.51	122,832
1980	1,280	75.0	96,000	55,680	40,320	3.62	347,520
1981	1,400	96.0	134,400	1/	1/	2.68	360,192
1982	1,300	97.0	126,100	1/	1/	2.73	344,253
1983	1,050	69.0	72,450	1/	1/	3.75	271,688
1984	1,350	110.0	148,500	1/	1/	2.83	420,255
1985	1,380	110.0	151,800	1/	1/	2.70	409,860
				Corn For Silage			
		Tons	Thous. Tons	Thous. Tons	Thous. Tons	$/Ton	
1960	260	11.5	2,990	-	-	8.50	25,415
1970	318	15.5	4,929	-	-	10.50	51,755
1980	498	12.6	6,275	-	-	22.50	141,188
1981	455	16.2	7,371	-	-	22.60	166,585
1982	490	15.2	7,448	-	-	24.00	178,752
1983	530	10.5	5,565	-	-	27.20	151,368
1984	420	16.5	6,930	-	-	26.30	182,259
1985	395	16.5	6,518	-	-	23.70	154,477
				All Hay			
1960	2,087	1.91	3,991	3,672	319	24.30	96,981
1970	2,069	2.18	4,511	3,834	677	30.00	135,330
1980	1,950	2.14	4,182	3,387	795	75.00	313,650
1981	1,950	2.33	4,535	1/	1/	93.00	421,755
1982	2,000	2.42	4,840	1/	1/	89.00	430,760
1983	1,970	2.35	4,620	1/	1/	98.00	452,760
1984	1,980	2.57	5,082	1/	1/	85.00	431,970
1985	1,990	2.66	5,302	1/	1/	68.50	363,187

1/ Estimates discontinued beginning in 1981.

PENNSYLVANIA: FARM AND OFF-FARM GRAIN AND HAY STOCKS-QUARTERLY, 1983-1986

Year And Quarter	On-Farms	Off-Farms 1/	Total All Positions
	Thousand Bushels		
	All Wheat		
1983: Jan. 1	1,560	4,976	6,536
Apr. 1	575	3,288	3,863
Jun. 1	246	2,010	2,256
Oct. 1	1,444	4,865	6,309
1984: Jan. 1	1,140	3,974	5,114
Apr. 1	684	2,950	3,634
Jun. 1	380	1,624	2,004
Oct. 1	2,174	5,808	7,982
1985: Jan. 1	1,254	4,431	5,685
Apr. 1	836	3,419	4,255
Jun. 1	334	1,717	2,051
Oct. 1	3,326	8,198	11,524
1986: Jan. 1	1,613	5,461	7,074
	Oats		
1983: Jan. 1	12,254	1,288	13,542
Apr. 1	7,313	1,164	8,497
Jun. 1	4,348	811	5,159
Oct. 1	14,580	1,201	15,781
1984: Jan. 1	9,072	688	9,760
Apr. 1	5,832	637	6,469
Jun. 1	3,888	752	4,640
Oct. 1	11,172	1,847	13,019
1985: Jan. 1	9,895	1,023	10,918
Apr. 1	7,182	815	7,997
Jun. 1	5,267	791	6,058
Oct. 1	15,540	1,720	17,260
1986: Jan. 1	12,600	1,363	13,963
	Barley		
1983: Jan. 1	1,217	321	1,538
Apr. 1	608	207	815
Jun. 1	338	196	534
Oct. 1	1,859	513	2,372
1984: Jan. 1	1,073	407	1,480
Apr. 1	751	95	846
Jun. 1	465	135	600
Oct. 1	1,638	786	2,424
1985: Jan. 1	1,092	383	1,475
Apr. 1	655	231	886
Jun. 1	400	146	546
Oct. 1	2,127	565	2,692
1986: Jan. 1	1,087	507	1,592
	Corn		
1983: Jan. 1	98,358	9,226	107,584
Apr. 1	63,050	7,571	70,621
Jun. 1	46,657	4,122	50,779
Oct. 1	17,654	2,643	20,297
1984: Jan. 1	49,991	5,727	55,718
Apr. 1	40,572	4,801	45,373
Jun. 1	26,082	3,491	29,573
Oct. 1	3,623	1,760	5,383
1985: Jan. 1	102,465	8,988	111,453
Apr. 1	77,220	7,345	84,565
Jun. 1	50,490	4,594	55,084
Oct. 1	20,790	2,231	23,021
1986: Jan. 1	98,670	7,370	106,040
	Thousand Tons		
	Hay		
1983: Jan. 1	3,243	-	3,243
May 1	823	-	823
1984: Jan. 1	2,818	-	2,818
May 1	554	-	554
1985: Jan. 1	3,456	-	3,456
May 1	966	-	966
1986: Jan. 1	3,419	-	3,419

1/ Includes stocks at mills, elevators, warehouses, terminals, processors and CCC-owned grain at bin sites.

PENNSYLVANIA: CORN FOR GRAIN - ACREAGE, YIELD, PRODUCTION AND VALUE - 1985

County & District	Acres Harvested	Yield	Production	Value of Production
	Acres	Bushels	Bushels	Dollars
Crawford	24,600	103.0	2,533,800	6,841,300
Erie	17,400	115.0	2,001,000	5,402,700
Forest	400	115.0	46,000	124,200
Mercer	28,400	117.0	3,322,800	8,971,600
Venango	4,200	98.0	411,600	1,111,300
Warren	1,400	97.0	135,800	366,700
NORTHWESTERN, TOTAL	**76,400**	**110.6**	**8,451,000**	**22,817,800**
Bradford	18,000	112.0	2,016,000	5,443,200
Cameron	100	90.0	9,000	24,300
Clinton	12,500	91.0	1,137,500	3,071,300
Elk	600	99.0	59,400	160,400
Lycoming	35,600	112.0	3,987,200	10,765,400
McKean	400	89.0	35,600	96,100
Potter	2,000	98.0	196,000	529,200
Sullivan	1,900	100.0	190,000	513,000
Tioga	11,100	105.0	1,165,500	3,146,800
NORTH CENTRAL, TOTAL	**82,200**	**107.0**	**8,796,200**	**23,749,700**
Lackawanna	1,100	104.0	114,400	308,900
Susquehanna	2,800	95.0	266,000	718,200
Wayne	1,800	101.0	181,800	490,900
Wyoming	3,700	101.0	373,700	1,009,000
NORTHEASTERN, TOTAL	**9,400**	**99.6**	**935,900**	**2,527,000**
Armstrong	12,300	105.0	1,291,500	3,487,100
Beaver	4,900	111.0	543,900	1,468,500
Butler	17,700	107.0	1,893,900	5,113,500
Clarion	9,300	122.0	1,134,600	3,063,400
Indiana	25,500	105.0	2,677,500	7,229,200
Jefferson	8,300	103.0	854,900	2,308,200
Lawrence	22,600	102.0	2,305,200	6,224,000
WEST CENTRAL, TOTAL	**100,600**	**106.4**	**10,701,500**	**28,893,900**
Blair	16,300	107.0	1,744,100	4,709,100
Cambria	9,500	90.0	855,000	2,308,500
Centre	30,900	106.0	3,275,400	8,843,600
Clearfield	5,900	115.0	678,500	1,832,000
Columbia	29,900	94.0	2,810,600	7,588,600
Dauphin	33,200	99.0	3,286,800	8,874,400
Huntingdon	18,700	120.0	2,244,000	6,058,800
Juniata	12,900	113.0	1,457,700	3,935,800
Mifflin	16,000	115.0	1,840,000	4,968,000
Montour	9,900	101.0	999,900	2,699,700
Northumberland	38,800	109.0	4,229,200	11,418,800
Perry	23,700	100.0	2,370,000	6,399,000
Snyder	26,400	98.0	2,587,200	6,985,400
Union	17,700	116.0	2,053,200	5,543,600
CENTRAL, TOTAL	**289,800**	**105.0**	**30,431,600**	**82,165,300**
Carbon	2,500	91.0	227,500	614,300
Lehigh	37,200	107.0	3,980,400	10,747,100
Luzerne	8,500	97.0	824,500	2,226,200
Monroe	5,400	95.0	513,000	1,385,100
Northampton	41,900	125.0	5,237,500	14,141,200
Pike	800	100.0	80,000	216,000
Schuylkill	24,700	95.0	2,346,500	6,335,600
EAST CENTRAL, TOTAL	**121,000**	**109.2**	**13,209,400**	**35,665,500**
Allegheny	2,000	110.0	220,000	594,000
Fayette	15,400	125.0	1,925,000	5,197,500
Greene	2,400	124.0	297,600	803,500
Somerset	20,100	108.0	2,170,800	5,861,200
Washington	13,700	109.0	1,493,300	4,031,900
Westmoreland	19,700	108.0	2,127,600	5,744,500
SOUTHWESTERN, TOTAL	**73,300**	**112.3**	**8,234,300**	**22,232,600**
Adams	46,100	97.0	4,471,700	12,073,600
Bedford	22,100	96.0	2,121,600	5,728,300
Cumberland	52,500	100.0	5,250,000	14,175,000
Franklin	55,600	99.0	5,504,400	14,861,900
Fulton	12,600	92.0	1,159,200	3,129,800
York	95,300	110.0	10,483,000	28,304,100
SOUTH CENTRAL, TOTAL	**284,200**	**102.0**	**28,989,900**	**78,272,700**
Berks	77,300	114.0	8,812,200	23,792,900
Bucks	23,100	110.0	2,541,000	6,860,700
Chester	56,500	121.0	6,836,500	18,458,600
Delaware	1,300	130.0	169,000	456,300
Lancaster	138,000	129.0	17,802,000	48,065,400
Lebanon	33,800	132.0	4,461,600	12,046,300
Montgomery	13,100	109.0	1,427,900	3,855,300
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**343,100**	**122.6**	**42,050,200**	**113,535,500**
PENNSYLVANIA	**1,380,000**	**110.0**	**151,800,000**	**409,860,000**

PENNSYLVANIA: CORN FOR SILAGE - ACREAGE, YIELD, PRODUCTION AND VALUE - 1985

County & District	Acres Harvested	Yield	Production	Value of Production
	Acres	Tons	Tons	Dollars
Crawford	7,000	14.3	100,100	2,372,400
Erie	6,200	14.6	90,500	2,144,900
Forest	100	15.5	1,600	37,900
Mercer	5,200	13.4	69,700	1,651,900
Venango	900	13.5	12,200	289,100
Warren	4,600	14.7	67,600	1,602,100
NORTHWESTERN, TOTAL	**24,000**	**14.2**	**341,700**	**8,098,300**
Bradford	21,100	15.7	331,300	7,851,800
Cameron	100	14.3	1,400	33,200
Clinton	1,500	19.1	28,700	680,200
Elk	600	11.8	7,100	168,300
Lycoming	4,000	13.5	54,000	1,279,800
McKean	1,300	13.8	17,900	424,200
Potter	6,500	12.9	83,900	1,988,400
Sullivan	3,000	11.4	34,200	810,500
Tioga	10,200	14.9	152,000	3,602,400
NORTH CENTRAL, TOTAL	**48,300**	**14.7**	**710,500**	**16,838,800**
Lackawanna	2,400	14.1	33,800	801,100
Susquehanna	10,200	14.0	142,800	3,384,400
Wayne	4,600	16.6	76,400	1,810,700
Wyoming	5,600	15.2	85,100	2,016,900
NORTHEASTERN, TOTAL	**22,800**	**14.8**	**338,100**	**8,013,100**
Armstrong	2,900	15.3	44,400	1,052,300
Beaver	1,100	13.5	14,900	353,100
Butler	4,600	15.0	69,000	1,635,300
Clarion	1,500	13.7	20,600	488,200
Indiana	5,800	13.9	80,600	1,910,200
Jefferson	2,700	11.8	31,900	756,000
Lawrence	4,000	12.0	48,000	1,137,600
WEST CENTRAL, TOTAL	**22,600**	**13.7**	**309,400**	**7,332,700**
Blair	9,800	17.6	172,500	4,088,300
Cambria	3,800	12.0	45,600	1,080,700
Centre	7,000	14.3	100,100	2,372,400
Clearfield	1,400	13.0	18,200	431,300
Columbia	2,100	14.1	29,600	701,500
Dauphin	3,900	16.4	64,000	1,516,800
Huntingdon	9,000	15.3	137,700	3,263,500
Juniata	4,100	15.6	64,000	1,516,800
Mifflin	8,000	17.4	139,200	3,299,000
Montour	1,200	15.5	18,600	440,800
Northumberland	2,900	18.8	54,500	1,291,700
Perry	3,800	17.6	66,900	1,585,500
Snyder	3,100	15.9	49,300	1,168,400
Union	3,500	16.5	57,700	1,367,500
CENTRAL, TOTAL	**63,600**	**16.0**	**1,017,900**	**24,124,200**
Carbon	400	13.0	5,200	123,200
Lehigh	900	12.0	10,800	256,000
Luzerne	2,500	16.1	40,300	955,100
Monroe	500	13.0	6,500	154,100
Northampton	3,500	14.0	49,000	1,161,300
Pike	100	14.5	1,500	35,600
Schuylkill	2,800	16.6	46,500	1,102,100
EAST CENTRAL, TOTAL	**10,700**	**14.9**	**159,800**	**3,787,400**
Allegheny	600	15.4	9,200	218,000
Fayette	1,800	14.5	26,100	618,600
Greene	1,100	16.8	18,500	438,500
Somerset	15,000	14.6	219,000	5,190,300
Washington	3,500	14.2	49,700	1,177,900
Westmoreland	4,000	15.3	61,200	1,450,400
SOUTHWESTERN, TOTAL	**26,000**	**14.8**	**383,700**	**9,093,700**
Adams	6,800	14.9	101,300	2,400,800
Bedford	13,700	14.0	191,800	4,545,700
Cumberland	12,700	16.3	207,000	4,905,900
Franklin	28,500	16.6	473,100	11,212,500
Fulton	2,300	13.9	32,000	758,400
York	10,800	17.2	185,800	4,403,500
SOUTH CENTRAL, TOTAL	**74,800**	**15.9**	**1,191,000**	**28,226,800**
Berks	14,800	17.5	259,000	6,138,400
Bucks	2,800	17.1	47,900	1,135,200
Chester	9,800	20.6	201,900	4,785,000
Delaware	100	16.6	1,700	40,300
Lancaster	60,300	21.3	1,284,400	30,440,400
Lebanon	12,000	19.4	232,800	5,517,400
Montgomery	2,400	15.9	38,200	905,300
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**102,200**	**20.2**	**2,065,900**	**48,962,000**
PENNSYLVANIA	**395,000**	**16.5**	**6,518,000**	**154,477,000**

PENNSYLVANIA: ALFALFA AND OTHER HAY - ACREAGE, YIELD AND PRODUCTION - 1985

County & District	Alfalfa Hay			Other Hay		
	Acreage Harvested	Yield	Production	Acreage Harvested	Yield	Production
	Acres	Tons	Tons	Acres	Tons	Tons
Crawford	16,000	3.00	48,000	47,000	2.30	108,100
Erie	8,100	2.90	23,500	30,400	2.40	73,000
Forest	900	2.78	2,500	1,200	1.92	2,300
Mercer	14,200	3.50	49,700	23,800	2.30	54,700
Venango	4,200	2.90	12,200	9,300	2.00	18,600
Warren	4,800	2.90	13,900	12,700	2.20	27,900
NORTHWESTERN, TOTAL	**48,200**	**3.11**	**149,800**	**124,400**	**2.29**	**284,600**
Bradford	43,500	2.60	113,100	74,500	1.90	141,600
Cameron	100	2.00	200	500	1.60	800
Clinton	5,600	2.89	16,200	5,000	2.10	10,500
Elk	1,900	2.58	4,900	2,700	2.11	5,700
Lycoming	16,100	2.90	46,700	17,900	2.10	37,600
McKean	2,400	2.79	6,700	7,800	1.71	13,300
Potter	10,100	2.40	24,200	17,900	1.80	32,200
Sullivan	3,100	3.19	9,900	8,500	1.80	15,300
Tioga	22,500	2.40	54,000	59,500	1.80	107,100
NORTH CENTRAL, TOTAL	**105,300**	**2.62**	**275,900**	**194,300**	**1.87**	**364,100**
Lackawanna	3,700	2.70	10,000	14,300	1.80	25,700
Susquehanna	14,000	2.65	37,100	51,000	2.30	117,300
Wayne	6,300	2.90	18,300	44,700	2.30	102,800
Wyoming	8,400	2.90	24,400	14,600	2.20	32,100
NORTHEASTERN, TOTAL	**32,400**	**2.77**	**89,800**	**124,600**	**2.23**	**277,900**
Armstrong	16,000	2.70	43,200	18,500	1.90	35,200
Beaver	8,700	3.51	30,500	8,300	1.80	14,900
Butler	19,200	3.30	63,400	19,800	2.60	51,500
Clarion	9,000	2.96	26,600	16,800	2.20	37,000
Indiana	16,500	3.20	52,800	17,500	2.10	36,800
Jefferson	12,500	2.60	32,500	13,500	1.90	25,700
Lawrence	9,700	3.30	32,000	9,100	2.60	23,700
WEST CENTRAL, TOTAL	**91,600**	**3.07**	**281,000**	**103,500**	**2.17**	**224,800**
Blair	16,600	3.80	63,100	8,900	2.00	17,800
Cambria	6,600	2.80	18,500	13,400	2.10	28,100
Centre	23,000	3.20	73,600	17,600	2.20	38,700
Clearfield	8,600	3.00	25,800	13,400	1.60	21,400
Columbia	7,800	3.50	27,300	13,200	2.50	33,000
Dauphin	9,800	3.60	35,300	12,300	2.30	28,300
Huntingdon	15,700	2.90	45,500	15,500	2.30	35,700
Juniata	11,000	3.60	39,600	8,200	2.30	18,900
Mifflin	14,000	3.40	47,600	7,500	2.60	19,500
Montour	4,200	3.10	13,000	3,800	2.29	8,700
Northumberland	7,700	3.00	23,100	10,800	2.00	21,600
Perry	14,600	3.50	51,100	14,600	2.10	30,700
Snyder	9,800	3.40	33,300	10,000	2.70	27,000
Union	9,900	3.30	32,700	6,100	2.30	14,000
CENTRAL, TOTAL	**159,300**	**3.32**	**529,500**	**155,300**	**2.21**	**343,400**
Carbon	1,300	3.38	4,400	3,500	2.31	8,100
Lehigh	8,000	3.20	25,600	7,500	1.91	14,300
Luzerne	5,800	3.21	18,600	7,400	2.00	14,800
Monroe	1,600	2.63	4,200	4,400	2.20	9,700
Northampton	15,300	3.70	56,600	4,700	2.30	10,800
Pike	100	2.00	200	1,000	2.10	2,100
Schuylkill	6,900	3.41	23,500	12,100	2.30	27,800
EAST CENTRAL, TOTAL	**39,000**	**3.41**	**133,100**	**40,600**	**2.16**	**87,600**
Allegheny	3,900	3.10	12,100	5,400	1.70	9,200
Fayette	13,000	2.70	35,100	16,800	1.70	28,600
Greene	7,700	2.60	20,000	24,300	1.95	47,400
Somerset	23,000	2.70	62,100	37,000	2.30	85,100
Washington	30,500	3.30	100,700	29,000	2.10	60,900
Westmoreland	23,500	3.10	72,900	25,500	2.40	61,200
SOUTHWESTERN, TOTAL	**101,600**	**2.98**	**302,900**	**138,000**	**2.12**	**292,400**
Adams	7,300	3.70	27,000	31,200	2.40	74,900
Bedford	29,700	2.90	86,100	25,300	2.30	58,200
Cumberland	20,800	3.40	70,700	19,200	2.10	40,300
Franklin	36,000	3.60	129,600	31,000	2.78	86,200
Fulton	8,500	3.60	30,600	10,500	2.00	21,000
York	17,200	3.90	67,100	30,400	2.50	76,000
SOUTH CENTRAL, TOTAL	**119,500**	**3.44**	**411,100**	**147,600**	**2.42**	**356,600**
Berks	36,000	3.60	129,600	24,200	2.40	58,100
Bucks	5,100	4.71	24,000	17,400	2.20	38,300
Chester	26,000	4.20	109,200	25,500	2.20	56,100
Delaware	700	3.71	2,600	1,000	2.60	2,600
Lancaster	53,400	4.60	245,600	29,300	3.00	87,900
Lebanon	17,100	4.10	70,100	11,400	2.50	28,500
Montgomery	4,800	3.71	17,800	12,900	2.10	27,100
Philadelphia	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**143,100**	**4.19**	**598,900**	**121,700**	**2.45**	**298,600**
PENNSYLVANIA	**840,000**	**3.30**	**2,772,000**	**1,150,000**	**2.20**	**2,530,000**

PENNSYLVANIA: ALL HAY - ACREAGE, YIELD, PRODUCTION AND VALUE - 1985

County & District	Acres Harvested	Yield	Production	Value of Production
	Acres	Tons	Tons	Dollars
Crawford	63,000	2.48	156,100	10,692,850
Erie	38,500	2.51	96,500	6,610,250
Forest	2,100	2.29	4,800	328,800
Mercer	38,000	2.75	104,400	7,151,400
Venango	13,500	2.28	30,800	2,109,800
Warren	17,500	2.39	41,800	2,863,300
NORTHWESTERN, TOTAL	**172,600**	**2.52**	**434,400**	**29,756,400**
Bradford	118,000	2.16	254,700	17,446,950
Cameron	600	1.67	1,000	68,500
Clinton	10,600	2.52	26,700	1,828,950
Elk	4,600	2.30	10,600	726,100
Lycoming	34,000	2.48	84,300	5,774,550
McKean	10,200	1.96	20,000	1,370,000
Potter	28,000	2.01	56,400	3,863,400
Sullivan	11,600	2.17	25,200	1,726,200
Tioga	82,000	1.96	161,100	11,035,350
NORTH CENTRAL, TOTAL	**299,600**	**2.14**	**640,000**	**43,840,000**
Lackawanna	18,000	1.98	35,700	2,445,450
Susquehanna	65,000	2.38	154,400	10,576,400
Wayne	51,000	2.37	121,100	8,295,350
Wyoming	23,000	2.46	56,500	3,870,250
NORTHEASTERN, TOTAL	**157,000**	**2.34**	**367,700**	**25,187,450**
Armstrong	34,500	2.27	78,400	5,370,400
Beaver	17,000	2.67	45,400	3,109,900
Butler	39,000	2.95	114,900	7,870,650
Clarion	25,800	2.47	63,600	4,356,600
Indiana	34,000	2.64	89,600	6,137,600
Jefferson	26,000	2.24	58,200	3,986,700
Lawrence	18,800	2.96	55,700	3,815,450
WEST CENTRAL, TOTAL	**195,100**	**2.59**	**505,800**	**34,647,300**
Blair	25,500	3.17	80,900	5,541,650
Cambria	20,000	2.33	46,600	3,192,100
Centre	40,600	2.77	112,300	7,692,550
Clearfield	22,000	2.15	47,200	3,233,200
Columbia	21,000	2.87	60,300	4,130,550
Dauphin	22,100	2.88	63,600	4,356,600
Huntingdon	31,200	2.60	81,200	5,562,200
Juniata	19,200	3.05	58,500	4,007,250
Mifflin	21,500	3.12	67,100	4,596,350
Montour	8,000	2.71	21,700	1,486,450
Northumberland	18,500	2.42	44,700	3,061,950
Perry	29,200	2.80	81,800	5,603,300
Snyder	19,800	3.05	60,300	4,130,550
Union	16,000	2.92	46,700	3,198,950
CENTRAL, TOTAL	**314,600**	**2.77**	**872,900**	**59,793,650**
Carbon	4,800	2.60	12,500	856,250
Lehigh	15,500	2.57	39,900	2,733,150
Luzerne	13,200	2.53	33,400	2,287,900
Monroe	6,000	2.32	13,900	952,150
Northampton	20,000	3.37	67,400	4,616,900
Pike	1,100	2.09	2,300	157,550
Schuylkill	19,000	2.70	51,300	3,514,050
EAST CENTRAL, TOTAL	**79,600**	**2.77**	**220,700**	**15,117,950**
Allegheny	9,300	2.29	21,300	1,459,050
Fayette	29,800	2.14	63,700	4,363,450
Greene	32,000	2.11	67,400	4,616,900
Somerset	60,000	2.45	147,200	10,083,200
Washington	59,500	2.72	161,600	11,069,600
Westmoreland	49,000	2.74	134,100	9,185,850
SOUTHWESTERN, TOTAL	**239,600**	**2.48**	**595,300**	**40,778,050**
Adams	38,500	2.65	101,900	6,980,150
Bedford	55,000	2.62	144,300	9,884,550
Cumberland	40,000	2.78	111,000	7,603,500
Franklin	67,000	3.22	215,800	14,782,300
Fulton	19,000	2.72	51,600	3,534,600
York	47,600	3.01	143,100	9,802,350
SOUTH CENTRAL, TOTAL	**267,100**	**2.87**	**767,700**	**52,587,450**
Berks	60,200	3.12	187,700	12,857,450
Bucks	22,500	2.77	62,300	4,267,550
Chester	51,500	3.21	165,300	11,323,050
Delaware	1,700	3.06	5,200	356,200
Lancaster	82,700	4.03	333,500	22,844,750
Lebanon	28,500	3.46	98,600	6,754,100
Montgomery	17,700	2.54	44,900	3,075,650
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**264,800**	**3.39**	**897,500**	**61,478,750**
PENNSYLVANIA	**1,990,000**	**2.66**	**5,302,000**	**363,187,000**

PENNSYLVANIA: WHEAT - ACREAGE, YIELD, PRODUCTION AND VALUE - 1985

County & District	Acres Harvested	Yield	Production	Value of Production
	Acres	Bushels	Bushels	Dollars
Crawford	1,000	40.0	40,000	120,000
Erie	1,100	37.0	40,700	122,100
Forest	-	-	-	-
Mercer	3,600	48.0	172,800	518,400
Venango	300	41.0	12,300	36,900
Warren	-	-	-	-
NORTHWESTERN, TOTAL	**6,000**	**44.3**	**265,800**	**797,400**
Bradford	400	41.0	16,400	49,200
Cameron	-	-	-	-
Clinton	800	48.0	38,400	115,200
Elk	-	-	-	-
Lycoming	3,000	44.0	132,000	396,000
McKean	-	-	-	-
Potter	200	40.0	8,000	24,000
Sullivan	-	-	-	-
Tioga	200	46.0	9,200	27,600
NORTH CENTRAL, TOTAL	**4,600**	**44.3**	**204,000**	**612,000**
Lackawanna	200	60.0	12,000	36,000
Susquehanna	-	-	-	-
Wayne	-	-	-	-
Wyoming	100	41.0	4,100	12,300
NORTHEASTERN, TOTAL	**300**	**53.7**	**16,100**	**48,300**
Armstrong	2,100	38.0	79,800	239,400
Beaver	1,800	48.0	86,400	259,200
Butler	3,100	45.0	139,500	418,500
Clarion	700	36.0	25,200	75,600
Indiana	1,300	46.0	59,800	179,400
Jefferson	700	41.0	28,700	86,100
Lawrence	3,300	46.0	151,800	455,400
WEST CENTRAL, TOTAL	**13,000**	**43.9**	**571,200**	**1,713,600**
Blair	1,100	41.0	45,100	135,300
Cambria	400	38.0	15,200	45,600
Centre	3,300	51.0	168,300	504,900
Clearfield	200	38.0	7,600	22,800
Columbia	6,200	47.0	291,400	874,200
Dauphin	5,900	38.0	224,200	672,600
Huntingdon	1,300	42.0	54,600	163,800
Juniata	3,100	45.0	139,500	418,500
Mifflin	2,100	50.0	105,000	315,000
Montour	1,800	44.0	79,200	237,600
Northumberland	6,800	48.0	326,400	979,200
Perry	5,500	46.0	253,000	759,000
Snyder	3,600	38.0	136,800	410,400
Union	2,900	50.0	145,000	435,000
CENTRAL, TOTAL	**44,200**	**45.1**	**1,991,300**	**5,973,900**
Carbon	1,000	42.0	42,000	126,000
Lehigh	11,000	60.0	660,000	1,980,000
Luzerne	1,800	60.0	108,000	324,000
Monroe	1,200	54.0	64,800	194,400
Northampton	7,000	61.0	427,000	1,281,000
Pike	-	-	-	-
Schuylkill	4,700	49.0	230,300	690,900
EAST CENTRAL, TOTAL	**26,700**	**57.4**	**1,532,100**	**4,596,300**
Allegheny	400	38.0	15,200	45,600
Fayette	1,500	42.0	63,000	189,000
Greene	200	45.0	9,000	27,000
Somerset	600	40.0	24,000	72,000
Washington	900	52.0	46,800	140,400
Westmoreland	2,400	42.0	100,800	302,400
SOUTHWESTERN, TOTAL	**6,000**	**43.1**	**258,800**	**776,400**
Adams	10,200	41.0	418,200	1,254,600
Bedford	1,500	49.0	73,500	220,500
Cumberland	10,300	44.0	453,200	1,359,600
Franklin	6,500	49.0	318,500	955,500
Fulton	1,400	43.0	60,200	180,600
York	24,500	47.0	1,151,500	3,454,500
SOUTH CENTRAL, TOTAL	**54,400**	**45.5**	**2,475,100**	**7,425,300**
Berks	17,300	48.0	830,400	2,491,200
Bucks	6,100	48.0	292,800	878,400
Chester	5,400	49.0	264,600	793,800
Delaware	100	47.0	4,700	14,100
Lancaster	17,900	54.0	966,600	2,899,800
Lebanon	4,500	53.0	238,500	715,500
Montgomery	3,500	48.0	168,000	504,000
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**54,800**	**50.5**	**2,765,600**	**8,296,800**
PENNSYLVANIA	**210,000**	**48.0**	**10,080,000**	**30,240,000**

PENNSYLVANIA: BARLEY - ACREAGE, YIELD, PRODUCTION AND VALUE - 1985

County & District	Acres Harvested	Yield	Production	Value of Production
	Acres	Bushels	Bushels	Dollars
Crawford	200	61.0	12,200	20,100
Erie	200	64.0	12,800	21,100
Forest	-	-	-	-
Mercer	500	68.0	34,000	56,100
Venango	100	63.0	6,300	10,400
Warren	-	-	-	-
NORTHWESTERN, TOTAL	**1,000**	**65.3**	**65,300**	**107,700**
Bradford	200	53.0	10,600	17,500
Cameron	-	-	-	-
Clinton	-	-	-	-
Elk	100	52.0	5,200	8,600
Lycoming	400	58.0	23,200	38,300
McKean	-	-	-	-
Potter	300	60.0	18,000	29,700
Sullivan	-	-	-	-
Tioga	200	55.0	11,000	18,200
NORTH CENTRAL, TOTAL	**1,200**	**56.7**	**68,000**	**112,300**
Lackawanna	-	-	-	-
Susquehanna	100	52.0	5,200	8,600
Wayne	-	-	-	-
Wyoming	-	-	-	-
NORTHEASTERN, TOTAL	**100**	**52.0**	**5,200**	**8,600**
Armstrong	700	65.0	45,500	75,100
Beaver	500	67.0	33,500	55,300
Butler	1,000	62.0	62,000	102,300
Clarion	100	54.0	5,400	8,900
Indiana	400	56.0	22,400	37,000
Jefferson	200	60.0	12,000	19,800
Lawrence	400	58.0	23,200	38,300
WEST CENTRAL, TOTAL	**3,300**	**61.8**	**204,000**	**336,700**
Blair	400	71.0	28,400	46,900
Cambria	400	56.0	22,400	37,000
Centre	400	67.0	26,800	44,200
Clearfield	100	58.0	5,800	9,600
Columbia	400	74.0	29,600	48,800
Dauphin	3,300	56.0	184,800	304,900
Huntingdon	400	62.0	24,800	40,900
Juniata	1,000	53.0	53,000	87,500
Mifflin	400	62.0	24,800	40,900
Montour	500	60.0	30,000	49,500
Northumberland	1,500	67.0	100,500	165,800
Perry	1,100	60.0	66,000	108,900
Snyder	900	64.0	57,600	95,000
Union	400	60.0	24,000	39,600
CENTRAL, TOTAL	**11,200**	**60.6**	**678,500**	**1,119,500**
Carbon	-	-	-	-
Lehigh	1,800	57.0	102,600	169,300
Luzerne	100	56.0	5,600	9,200
Monroe	-	-	-	-
Northampton	800	65.0	52,000	85,800
Pike	-	-	-	-
Schuylkill	900	62.0	55,800	92,100
EAST CENTRAL, TOTAL	**3,600**	**60.0**	**216,000**	**356,400**
Allegheny	200	58.0	11,600	19,100
Fayette	800	59.0	47,200	77,900
Greene	-	-	-	-
Somerset	600	64.0	38,400	63,400
Washington	700	53.0	37,100	61,200
Westmoreland	1,000	58.0	58,000	95,700
SOUTHWESTERN, TOTAL	**3,300**	**58.3**	**192,300**	**317,300**
Adams	2,400	55.0	132,000	217,800
Bedford	700	56.0	39,200	64,700
Cumberland	3,500	56.0	196,000	323,400
Franklin	5,500	67.0	368,500	608,000
Fulton	900	53.0	47,700	78,700
York	9,900	61.0	603,900	996,300
SOUTH CENTRAL, TOTAL	**22,900**	**60.6**	**1,387,300**	**2,288,900**
Berks	6,400	62.0	396,800	654,600
Bucks	1,700	58.0	98,600	162,700
Chester	3,300	66.0	217,800	359,400
Delaware	-	-	-	-
Lancaster	7,500	68.0	510,000	841,500
Lebanon	3,200	67.0	214,400	353,800
Montgomery	1,300	66.0	85,800	141,600
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**23,400**	**65.1**	**1,523,400**	**2,513,600**
PENNSYLVANIA	**70,000**	**62.0**	**4,340,000**	**7,161,000**

PENNSYLVANIA: OATS - ACREAGE, YIELD, PRODUCTION AND VALUE - 1985

County & District	Acres Harvested	Yield	Production	Value of Production
	Acres	Bushels	Bushels	Dollars
Crawford	14,700	73.0	1,073,100	1,341,400
Erie	9,200	73.0	671,600	839,500
Forest	300	71.0	21,300	26,600
Mercer	11,300	75.0	847,500	1,059,400
Venango	2,100	68.0	142,800	178,500
Warren	1,500	70.0	105,000	131,300
NORTHWESTERN, TOTAL	**39,100**	**73.2**	**2,861,300**	**3,576,700**
Bradford	9,200	68.0	625,600	782,000
Cameron	100	58.0	5,800	7,300
Clinton	1,200	64.0	76,800	96,000
Elk	900	69.0	62,100	77,600
Lycoming	7,200	69.0	496,800	621,000
McKean	400	67.0	26,800	33,500
Potter	2,000	73.0	146,000	182,500
Sullivan	900	68.0	61,200	76,500
Tioga	6,000	67.0	402,000	502,500
NORTH CENTRAL, TOTAL	**27,900**	**68.2**	**1,903,100**	**2,378,900**
Lackawanna	400	62.0	24,800	31,000
Susquehanna	1,700	66.0	112,200	140,300
Wayne	200	59.0	11,800	14,800
Wyoming	1,300	64.0	83,200	104,000
NORTHEASTERN, TOTAL	**3,600**	**64.4**	**232,000**	**290,100**
Armstrong	6,400	62.0	396,800	496,000
Beaver	2,400	70.0	168,000	210,000
Butler	9,300	76.0	706,800	883,500
Clarion	4,300	67.0	288,100	360,100
Indiana	10,500	61.0	640,500	800,500
Jefferson	4,400	71.0	312,400	390,500
Lawrence	5,000	76.0	380,000	475,000
WEST CENTRAL, TOTAL	**42,300**	**68.4**	**2,892,600**	**3,615,600**
Blair	2,800	66.0	184,800	231,000
Cambria	9,100	71.0	646,100	807,500
Centre	8,100	76.0	615,600	769,500
Clearfield	2,700	61.0	164,700	205,900
Columbia	9,200	72.0	662,400	828,000
Dauphin	5,500	65.0	357,500	446,900
Huntingdon	4,500	65.0	292,500	365,500
Juniata	4,100	65.0	266,500	333,100
Mifflin	2,200	69.0	151,800	189,800
Montour	3,600	73.0	262,800	328,500
Northumberland	8,700	71.0	617,700	772,100
Perry	6,200	72.0	446,400	558,000
Snyder	6,000	64.0	384,000	480,000
Union	5,300	76.0	402,800	503,500
CENTRAL, TOTAL	**78,000**	**69.9**	**5,455,600**	**6,819,300**
Carbon	1,500	68.0	102,000	127,500
Lehigh	6,300	73.0	459,900	574,900
Luzerne	2,700	77.0	207,900	259,900
Monroe	2,400	73.0	175,200	219,000
Northampton	4,900	76.0	372,400	465,500
Pike	100	61.0	6,100	7,600
Schuylkill	7,800	73.0	569,400	711,800
EAST CENTRAL, TOTAL	**25,700**	**73.7**	**1,892,900**	**2,366,200**
Allegheny	900	65.0	58,500	73,100
Fayette	2,800	66.0	184,800	231,000
Greene	200	60.0	12,000	15,000
Somerset	16,000	69.0	1,104,000	1,380,000
Washington	4,400	67.0	294,800	368,500
Westmoreland	8,100	63.0	510,300	637,900
SOUTHWESTERN, TOTAL	**32,400**	**66.8**	**2,164,400**	**2,705,500**
Adams	2,800	68.0	190,400	238,000
Bedford	6,900	63.0	434,700	543,400
Cumberland	5,700	75.0	427,500	534,400
Franklin	4,100	72.0	295,200	369,000
Fulton	3,200	68.0	217,600	272,000
York	8,000	73.0	584,000	730,000
SOUTH CENTRAL, TOTAL	**30,700**	**70.0**	**2,149,400**	**2,686,800**
Berks	9,000	70.0	630,000	787,500
Bucks	2,700	72.0	194,400	243,000
Chester	2,300	65.0	149,500	186,900
Delaware	100	60.0	6,000	7,500
Lancaster	1,800	78.0	140,400	175,500
Lebanon	2,400	76.0	182,400	228,000
Montgomery	2,000	73.0	146,000	182,500
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**20,300**	**71.4**	**1,448,700**	**1,810,900**
PENNSYLVANIA	**300,000**	**70.0**	**21,000,000**	**26,250,000**

PENNSYLVANIA: SOYBEANS - ACREAGE, YIELD, PRODUCTION, AND VALUE - 1985

County & District	Acres Harvested	Yield	Production	Value of Production
	Acres	Bushels	Bushels	Dollars
Crawford	2,600	29.0	75,400	350,600
Erie	1,900	30.0	57,000	265,100
Forest	-	-	-	-
Mercer	2,700	31.0	83,700	389,200
Venango	500	32.0	16,000	74,400
Warren	-	-	-	-
NORTHWESTERN, TOTAL	**7,700**	**30.1**	**232,100**	**1,079,300**
Bradford	200	30.0	6,000	27,900
Cameron	-	-	-	-
Clinton	1,600	36.0	57,600	267,800
Elk	-	-	-	-
Lycoming	3,600	36.0	129,600	602,600
McKean	-	-	-	-
Potter	-	-	-	-
Sullivan	-	-	-	-
Tioga	-	-	-	-
NORTH CENTRAL, TOTAL	**5,400**	**35.8**	**193,200**	**898,300**
Lackawanna	-	-	-	-
Susquehanna	-	-	-	-
Wayne	-	-	-	-
Wyoming	-	-	-	-
NORTHEASTERN, TOTAL	-	-	-	-
Armstrong	500	30.0	15,000	69,800
Beaver	200	34.0	6,800	31,600
Butler	1,300	39.0	50,700	235,800
Clarion	200	37.0	7,400	34,400
Indiana	1,400	29.0	40,600	188,800
Jefferson	100	31.0	3,100	14,400
Lawrence	1,200	26.0	31,200	145,100
WEST CENTRAL, TOTAL	**4,900**	**31.6**	**154,800**	**719,900**
Blair	100	34.0	3,400	15,800
Cambria	-	-	-	-
Centre	1,600	32.0	51,200	238,100
Clearfield	100	35.0	3,500	16,300
Columbia	7,100	31.0	220,100	1,023,500
Dauphin	4,600	30.0	138,000	641,700
Huntingdon	100	30.0	3,000	14,000
Juniata	1,600	25.0	40,000	186,000
Mifflin	100	29.0	2,900	13,500
Montour	5,900	37.0	218,300	1,015,100
Northumberland	8,100	36.0	291,600	1,356,000
Perry	2,700	33.0	89,100	414,300
Snyder	1,600	31.0	49,600	230,600
Union	3,500	31.0	108,500	504,500
CENTRAL, TOTAL	**37,100**	**32.9**	**1,219,200**	**5,669,400**
Carbon	600	29.0	17,400	80,900
Lehigh	5,900	35.0	206,500	960,200
Luzerne	1,100	30.0	33,000	153,500
Monroe	900	31.0	27,900	129,700
Northampton	5,300	41.0	217,300	1,010,500
Pike	-	-	-	-
Schuylkill	700	35.0	24,500	113,900
EAST CENTRAL, TOTAL	**14,500**	**36.7**	**526,600**	**2,448,700**
Allegheny	400	29.0	11,600	53,900
Fayette	200	29.0	5,800	27,000
Greene	-	-	-	-
Somerset	700	29.0	20,300	94,400
Washington	-	-	-	-
Westmoreland	700	29.0	20,300	94,400
SOUTHWESTERN, TOTAL	**2,000**	**29.0**	**58,000**	**269,700**
Adams	8,600	36.0	309,600	1,439,700
Bedford	700	27.0	18,900	87,900
Cumberland	2,200	33.0	72,600	337,600
Franklin	1,100	30.0	33,000	153,500
Fulton	100	30.0	3,000	14,000
York	19,000	34.0	646,000	3,003,900
SOUTH CENTRAL, TOTAL	**31,700**	**34.2**	**1,083,100**	**5,036,600**
Berks	6,800	41.0	278,800	1,296,400
Bucks	19,500	33.0	643,500	2,992,300
Chester	11,500	41.0	471,500	2,192,500
Delaware	200	39.0	7,800	36,300
Lancaster	9,800	38.0	372,400	1,731,700
Lebanon	9,400	35.0	329,000	1,529,900
Montgomery	9,500	40.0	380,000	1,767,000
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**66,700**	**37.2**	**2,483,000**	**11,546,100**
PENNSYLVANIA	**170,000**	**35.0**	**5,950,000**	**27,668,000**

POTATO SUMMARY — 1985

By Blair L. Smith

POTATO ACREAGE INCREASES: Pennsylvania growers planted 22,500 acres in 1985, 500 acres more than the previous year. Harvested acreage was also up 500 acres at 22,000. Average yield per harvested acre was 260 cwt., 20 cwt. more than 1984 and a new state record. Total production was 5,720,000 cwt., 11 percent higher than the previous year. Acres entered for certified seed potatoes were 568 acres compared with 668 acres in 1984.

The season average price for the 1985 crop is estimated as $4.55 per cwt. compared with $6.35 in 1984.

MAJOR VARIETIES: The four major varieties planted in 1985, as measured by the objective yield survey were Katahdin (28.3 percent), Norchip (18.1 percent), Kennebec (12.1 percent), and Atlantic (12.0 percent). These four varieties accounted for 70.5 percent of the potatoes planted in 1985.

POTATO STOCKS: Potato stocks for all purposes held in storage by growers, local dealers, and processors during the 1985-86 storage season were up for most of the months from the previous year. Stocks held by processors included potatoes produced in other states. Processor stocks, as a percent of the total held in storage were: December, 27 percent; January, 28 percent; February, 32 percent; March, 36 percent; April, 32 percent; May, 13 percent.

PENNSYLVANIA: ACREAGE, YIELD, PRODUCTION, AND VALUE OF POTATOES, 1960-1985

Year	Planted Acreage	Harvested Acreage	Yield Per Acre	Production	Season Average Price	Value Of Production	Value Of Sales
	Acres		Cwt.		Dollars		
1960	41,000	40,000	192	7,680,000	2.34	17,971,000	15,575,000
1965	38,000	38,000	198	7,524,000	2.87	21,594,000	19,447,000
1970	35,000	34,500	240	8,280,000	2.65	21,942,000	19,528,000
1975	31,000	29,000	235	6,815,000	5.75	39,186,000	35,104,000
1980	23,000	22,000	190	4,180,000	7.90	33,022,000	29,807,000
1982	22,000	21,000	235	4,935,000	5.50	27,143,000	25,300,000
1983	22,000	21,500	200	4,300,000	8.10	34,830,000	32,562,000
1984	22,000	21,500	240	5,160,000	6.35	33,540,000	29,985,000
1985	22,500	22,000	260	5,720,000	4.55 1/	26,026,000	-

1/ Preliminary.

PENNSYLVANIA: POTATO PRODUCTION AND FARM DISPOSITION, CROPS OF 1960-1984 1/

Crop Year	Production	Total Used For Seed	Used On Farms where Grown		Sold
			For Seed, Feed, and Household Use	Shrinkage and Loss	
			1,000 Cwt.		
1960	7,680	695	409	615	6,656
1965	7,524	663	282	466	6,776
1970	8,280	621	249	662	7,369
1975	6,815	522	204	506	6,105
1980	4,180	396	135	272	3,773
1982	4,935	429	116	217	4,600
1983	4,300	418	86	194	4,020
1984	5,160	405	103	335	4,722

1/ 1985 Disposition data is not available until late September.

PENNSYLVANIA: POTATO PRODUCTION AND STOCKS DURING MARKETING MONTHS, CROPS OF 1960-1985

Crop Year	Production	December 1	Following Year				
			January 1	February 1	March 1	April 1	May 1
			1,000 Cwt.				
1960	7,680	4,750	3,650	2,600	1,600	-	-
1965	7,524	4,500	3,400	2,350	1,500	-	-
1970	8,280	4,650	3,900	2,750	1,800	-	-
1975	6,815	3,660	2,780	1,870	1,300	650	-
1980	4,180	3,300	2,600	1,900	1,250	900	200
1982	4,935	4,000	3,300	2,500	1,900	1,050	695
1983	4,300	3,400	2,200	1,700	1,350	900	515
1984	5,160	4,050	3,100	2,370	1,560	940	390
1985	5,720	4,025	3,350	2,610	1,840	1,300	610

PENNSYLVANIA: POTATO ACREAGE, YIELD, PRODUCTION AND VALUE - 1985

County & District	Acres Harvested	Yield	Production	Value of Production
	Acres	Cwt.	Cwt.	Dollars
Adams	180	270	48,600	221,130
Armstrong	80	250	20,000	91,000
Berks	100	220	22,000	100,100
Bucks	90	210	18,900	85,995
Butler	330	210	69,300	315,315
Cambria	2,740	210	575,400	2,618,070
Carbon	160	190	34,200	155,610
Chester	370	260	96,200	437,710
Clarion	240	270	64,800	294,840
Clearfield	70	300	21,000	95,550
Clinton	130	300	39,000	177,450
Columbia	490	310	151,900	691,145
Crawford	400	220	88,000	400,400
Dauphin	100	260	26,000	118,300
Erie	3,670	260	954,200	4,341,610
Franklin	120	260	31,200	141,960
Indiana	190	200	38,000	172,900
Juniata	60	160	9,600	43,680
Lackawanna	70	280	19,600	89,180
Lancaster	1,700	300	510,000	2,320,500
Lehigh	1,390	280	389,200	1,770,860
Luzerne	640	280	179,200	815,360
Lycoming	210	260	59,800	272,090
Mercer	210	240	50,400	229,320
Northampton	330	280	92,400	420,420
Northumberland	160	270	43,200	196,560
Potter	1,730	290	501,700	2,282,735
Schuylkill	1,550	300	465,000	2,115,750
Somerset	860	220	189,200	860,860
Sullivan	80	240	19,200	87,360
Tioga	120	230	27,600	125,580
Warren	310	190	58,900	267,995
York	2,270	270	612,900	2,788,695
OTHER COUNTIES 1/	810	239	193,400	879,970
PENNSYLVANIA	**22,000**	**260**	**5,720,000**	**26,026,000**

1/ Counties with 50 or less acres harvested.

TOBACCO PRODUCTION

PENNSYLVANIA: ALL TOBACCO ACREAGE, YIELD, PRODUCTION AND VALUE, 1985

County	Acreage	Yield	Production	Value Of Production
	Acres	Pounds	Pounds	Dollars
Berks	180	1,850	333,000	278,580
Centre	10	1,870	18,700	15,640
Chester	270	2,000	540,000	451,750
Clinton	10	1,870	18,700	15,640
Cumberland	40	1,840	73,600	61,570
Dauphin	30	2,040	61,200	51,200
Franklin	20	1,980	39,600	33,130
Lancaster	10,400	1,902	19,780,800	16,548,130
Lebanon	320	1,920	614,400	513,990
Lycoming	10	1,940	19,400	16,230
Montour	30	1,960	58,800	49,190
Northumberland	10	1,930	19,300	16,150
Snyder	50	1,770	88,500	74,040
Union	20	1,800	36,000	30,120
York	100	1,980	198,000	165,640
PENNSYLVANIA	11,500	1,904	21,900,000	18,321,000

PENNSYLVANIA: TOBACCO ACREAGE, YIELD, PRODUCTION AND VALUE, 1960-1985

County	Acreage	Yield	Production	Value Of Production
	Acres	Pounds	1,000 Lbs.	1,000 Dols.
1960	31,000	1,700	52,700	14,756
1965	27,000	1,900	51,300	12,312
1970	17,000	1,800	30,600	9,486
1973	13,000	1,700	22,100	11,492
1974	13,000	2,000	26,000	15,080
1975	12,000	1,650	19,800	11,484
1976	13,500	1,750	23,625	14,175
1977	13,500	1,940	26,190	15,714
1978	13,000	1,940	25,220	15,636
1979	11,200	1,580	17,696	12,741
1980	13,000	1,900	24,700	21,489
1981	13,300	2,050	27,265	21,812
1982 1/	13,000	1,991	25,885	20,466
1983 1/	12,000	1,832	21,985	20,724
1984 1/	12,000	1,864	22,370	20,984
1985 Total	11,500	1,904	21,900	18,371
Pennsylvania Type	8,000	1,950	15,600	11,076
Maryland Type	3,500	1,800	6,300	7,245

1/ Includes Pennsylvania and Maryland Types.

PENNSYLVANIA: TOBACCO PRODUCTION, STOCKS, SUPPLY, DISAPPEARANCE AND PRICE, 1960-1985 1/

Marketing Year	Carry-Over			Production	Total Supply	Disappearance	Average Price
	Manufacturer	Other	Total				
	Million Pounds						Cents
1960	96.2	13.5	109.7	52.7	162.4	47.5	28.0
1965	112.3	17.1	129.4	51.3	180.7	53.0	24.0
1970	70.5	26.8	97.3	30.6	127.9	40.9	31.0
1973	42.9	10.8	53.7	22.1	75.8	28.3	52.0
1974	39.0	8.5	47.5	26.0	73.5	24.3	58.0
1975	38.4	10.8	49.2	19.8	69.0	22.2	58.0
1976	35.8	11.0	46.8	23.6	70.4	20.7	60.0
1977	36.5	13.2	49.7	26.2	75.9	21.6	60.0
1978	38.9	15.2	54.1	25.2	79.3	23.6	62.0
1979	39.2	16.4	55.7	17.7	73.4	24.3	72.0
1980	37.4	11.7	49.1	24.7	73.8	21.7	87.0
1981	36.4	15.7	52.1	27.3	79.4	27.1	80.0
1982 2/	-	-	52.3	21.4	73.7	19.6	73.0
1983 2/	-	-	54.1	14.2	68.3	20.3	83.0
1984 2/	-	-	48.0	14.6	62.6	20.1	90.0
1985 2/	-	-	42.5	15.6	58.1	-	71.0

1/ Source: U.S. Department of Agriculture, Agricultural Marketing Service. 2/ Pennsylvania type 41 only.

PENNSYLVANIA: SUMMARY - PRINCIPAL CROPS, HARVESTED BY COUNTIES, 1985

County & District	Field & Forage Crops		Vegetable Crops (Fresh & Proc.)		Fruit	Value of Production Field Crops Vegetables & Fruits
	Acres Harvested	Value of Production	Acres Harvested	Value of Production	Value of Production	
	Acres	Thous. Dols.	Acres	Thous. Dols.	Thous. Dols.	Thous. Dols.
Crawford	113,500	21,661	755	668	80	22,409
Erie	74,800	15,436	6,218	6,928	8,208	30,572
Forest	2,900	519	4	5		523
Mercer	90,100	19,837	514	723	92	20,652
Venango	21,700	3,818	74	53	48	3,919
Warren	25,100	4,973	387	310	33	5,316
NORTHWESTERN, TOTAL	**328,200**	**66,243**	**7,951**	**8,687**	**8,460**	**83,391**
Bradford	167,800	31,681	256	259	114	32,054
Cameron	900	134	7	3		137
Clinton	28,400	6,087	400	727	17	6,830
Elk	6,800	1,143	33	19	3	1,165
Lycoming	88,200	19,532	609	667	243	20,441
McKean	12,400	1,928	17	3	20	1,950
Potter	39,200	6,630	1,773	2,315	2	8,946
Sullivan	17,500	3,132	87	90		3,223
Tioga	110,200	18,369	160	157	16	18,542
NORTH CENTRAL, TOTAL	**471,400**	**88,635**	**3,344**	**4,240**	**413**	**93,289**
Lackawanna	22,200	3,630	1,416	2,826	13	6,468
Susquehanna	80,200	14,857	99	81	34	14,971
Wayne	57,900	10,633	54	50	1	10,683
Wyoming	33,800	7,026	202	292	179	7,497
NORTHEASTERN, TOTAL	**194,100**	**36,145**	**1,771**	**3,247**	**227**	**39,620**
Armstrong	59,700	10,811	248	230	85	11,126
Beaver	28,000	5,498	244	222	184	5,904
Butler	76,300	16,292	1,033	1,143	51	17,486
Clarion	42,100	8,404	333	384	57	8,845
Indiana	79,200	16,515	529	655	143	17,314
Jefferson	42,600	7,577	157	143	14	7,733
Lawrence	55,500	12,315	132	130	147	12,592
WEST CENTRAL, TOTAL	**383,400**	**77,411**	**2,677**	**2,907**	**682**	**81,000**
Blair	56,200	14,797	499	437	744	15,977
Cambria	43,400	7,486	2,904	2,767	40	10,293
Centre	92,300	20,521	1,277	616	250	21,387
Clearfield	32,500	5,762	126	128	67	5,957
Columbia	76,200	15,225	2,130	1,967	589	17,780
Dauphin	78,900	16,898	576	875	569	18,343
Huntingdon	65,500	15,499	156	113	161	15,773
Juniata	46,200	10,506	162	131	1,389	12,025
Mifflin	50,500	13,449	137	177	190	13,815
Montour	31,100	6,319	487	384	47	6,750
Northumberland	85,700	19,099	1,637	1,436	477	21,013
Perry	72,500	15,458	136	100	134	15,693
Snyder	61,700	13,601	598	1,010	1,104	15,715
Union	49,500	11,646	303	429	68	12,142
CENTRAL, TOTAL	**842,200**	**186,267**	**11,126**	**10,569**	**5,828**	**202,664**
Carbon	10,800	1,932	377	327	83	2,342
Lehigh	78,900	17,455	1,809	2,191	4,302	23,947
Luzerne	30,000	6,228	2,307	3,460	220	9,908
Monroe	16,500	3,040	164	136	21	3,197
Northampton	83,800	22,807	837	858	1,233	24,898
Pike	2,100	418	77	201		619
Schuylkill	60,900	12,585	2,858	3,914	841	17,340
EAST CENTRAL, TOTAL	**283,000**	**64,465**	**8,429**	**11,087**	**6,699**	**82,251**
Allegheny	13,900	2,468	518	677	1,767	4,911
Fayette	52,500	10,726	309	190	1	10,917
Greene	36,100	5,913	87	70	1	5,983
Somerset	113,500	22,789	1,473	1,238	130	24,157
Washington	83,100	16,883	535	764	384	18,031
Westmoreland	85,300	17,546	713	592	148	18,285
SOUTHWESTERN, TOTAL	**384,400**	**76,323**	**3,634**	**3,531**	**2,430**	**82,284**
Adams	115,900	24,653	935	924	29,615	55,192
Bedford	101,000	21,116	194	143	763	22,022
Cumberland	127,500	29,359	447	446	1,254	31,058
Franklin	169,100	43,060	561	642	7,672	51,374
Fulton	39,700	7,984	58	51		8,034
York	216,200	50,960	5,391	4,609	2,986	58,556
SOUTH CENTRAL, TOTAL	**769,400**	**177,132**	**7,586**	**6,814**	**42,290**	**226,236**
Berks	192,800	48,392	962	791	2,881	52,064
Bucks	78,700	16,572	2,647	3,521	622	20,716
Chester	141,200	38,627	796	825	974	40,426
Delaware	3,500	913	78	48	173	1,133
Lancaster	330,000	123,909	4,276	6,304	2,274	132,487
Lebanon	94,500	27,713	599	914	329	28,956
Montgomery	49,700	10,452	623	486	275	11,212
Philadelphia					4	4
SOUTHEASTERN, TOTAL	**890,400**	**266,578**	**9,981**	**12,891**	**7,531**	**286,999**
PENNSYLVANIA	**4,546,500**	**1,039,199**	**56,500**	**63,974**	**74,560**	**1,177,733**

CROP AND WEATHER SUMMARY - DATES OF FIRST AND LAST FROST, SELECTED PENNSYLVANIA STATIONS, 1985 AND NORMAL

Area & Station	County	Last Spring Minimum Of 32° F.			First Fall Minimum Of 32° F.		
		1985		Normal	1985		Normal
		Date	Low Temp. Degrees F.	Date	Date	Low Temp. Degrees F.	Date
Pocono Mountains:							
Stroudsburg	Monroe	May 09	32	May 09	October 12	31	September 29
East Central Mountains:							
Allentown	Lehigh	May 10	26	May 05	October 29	30	October 09
South East Piedmont:							
Lancaster	Lancaster	April 12	27	May 03	October 26	32	October 10
Lower Susquehanna:							
York	York	May 05	30	April 30	October 26	32	October 09
Middle Susquehanna:							
Williamsport	Lycoming	May 09	32	May 02	October 28	32	October 11
Upper Susquehanna:							
Montrose	Susquehanna	May 09	27	May 15	October 12	30	October 03
Wellsboro	Tioga	May 20	32	May 22	October 12	28	September 25
Central Mountains:							
Ridgway	Elk	May 19	30	May 26	October 07	30	September 24
State College	Centre	May 04	30	April 27	October 12	32	October 12
South Central Mountains:							
Altoona	Blair	May 04	32	May 08	October 29	28	October 08
Ebensburg	Cambria	May 19	32	May 15	September 12	32	October 03
South West Plateau:							
Butler	Butler	May 09	32	May 18	October 07	31	October 02
Donora	Washington	May 17	32	April 21	October 29	30	October 26
Uniontown	Fayette	May 04	30	April 29	September 14	32	October 15
North West Plateau:							
Brookville	Jefferson	May 09	31	May 25	October 07	31	September 23
Corry	Erie	May 19	29	May 24	October 03	31	September 25
Franklin	Venango	May 09	30	May 13	October 17	32	October 06

PENNSYLVANIA - FIELDWORK AND CROP DEVELOPMENT, SELECTED DATES 1982-1985
Data As Reported - Pennsylvania Weekly Crop and Weather Survey State Average

Date	Oats % Planted				Barley % In Boot				Wheat % In Boot			
	1982	1983	1984	1985	1982	1983	1984	1985	1982	1983	1984	1985
April 20	-	-	-	45	-	-	-	-	-	-	-	-
25	-	20	17	60	-	-	-	-	-	-	-	-
30	-	38	30	76	-	4	-	15	-	-	-	9
May 05	72	48	48	90	7	7	13	18	-	5	-	16
10	88	61	59	94	15	17	15	30	11	13	-	28
15	96	79	70	97	25	36	21	30	22	31	8	38
20	-	87	82	-	32	41	33	22	31	45	20	40
25	-	92	86	-	30	38	31	12	40	50	29	22
30	-	94	88	-	13	27	20	4	49	49	36	10

Date	Spring Plowing % Complete				Potatoes % Planted				Corn % Planted			
	1982	1983	1984	1985	1982	1983	1984	1985	1982	1983	1984	1985
April 20	-	-	-	-	-	-	-	17	-	-	-	-
25	-	27	14	52	-	10	4	32	-	-	-	5
30	-	37	20	64	-	18	8	49	-	-	-	13
May 05	60	44	37	77	47	25	17	65	14	6	-	27
10	74	55	46	83	60	36	32	74	31	14	10	45
15	86	73	54	89	78	52	50	83	31	28	17	62
20	91	78	66	94	84	65	65	91	69	39	32	76
25	94	81	74	97	88	71	72	95	81	49	46	85
30	98	83	78	99	93	73	76	98	85	60	54	91
June 05	-	-	-	-	-	-	-	-	92	79	60	96

Date	Oats % In Head				Barley % Turning Yellow				Corn Average Height - Inches			
	1982	1983	1984	1985	1982	1983	1984	1985	1982	1983	1984	1985
June 10	12	8	6	76	19	29	9	36	7	2	3	8
15	27	10	7	84	37	35	34	43	9	3	6	12
20	46	15	17	88	58	40	47	40	12	6	8	15
25	63	24	33	85	60	42	50	37	15	10	10	19
30	73	35	46	75	57	39	49	34	19	13	12	24
July 05	77	49	56	62	47	34	32	21	25	16	16	29
10	77	69	64	47	28	28	19	13	32	27	21	35
15	59	56	68	36	15	16	19	8	41	32	23	43
20	35	43	52	32	6	8	11	3	52	39	36	50
25	10	27	39	18	-	5	7	-	63	48	46	57
30	-	14	26	4	-	-	-	-	-	51	55	63

Date	Oats % Harvested				Tobacco % Harvested				Corn % in Silk Or Past			
	1982	1983	1984	1985	1982	1983	1984	1985	1962	1963	1984	1985
July 25	7	6	6	16	-	-	-	-	-	-	-	24
30	24	21	21	32	-	-	-	-	-	-	-	42
Aug. 05	49	36	36	56	-	-	-	-	74	50	44	60
10	68	50	50	72	-	-	-	-	86	69	70	76
15	81	58	58	80	5	-	-	12	94	84	87	88
20	88	69	69	82	12	6	12	24	96	90	94	94
25	94	82	82	85	19	13	14	32	98	96	95	96
30	99	94	94	91	29	21	36	50	-	98	-	-
Sep. 05	-	96	96	96	45	33	58	62	-	-	-	-
10	-	-	-	-	64	50	70	71	-	-	-	-
15	-	-	-	-	72	63	84	83	-	-	-	-
20	-	-	-	-	80	75	94	94	-	-	-	-
25	-	-	-	-	89	90	100	-	-	-	-	-

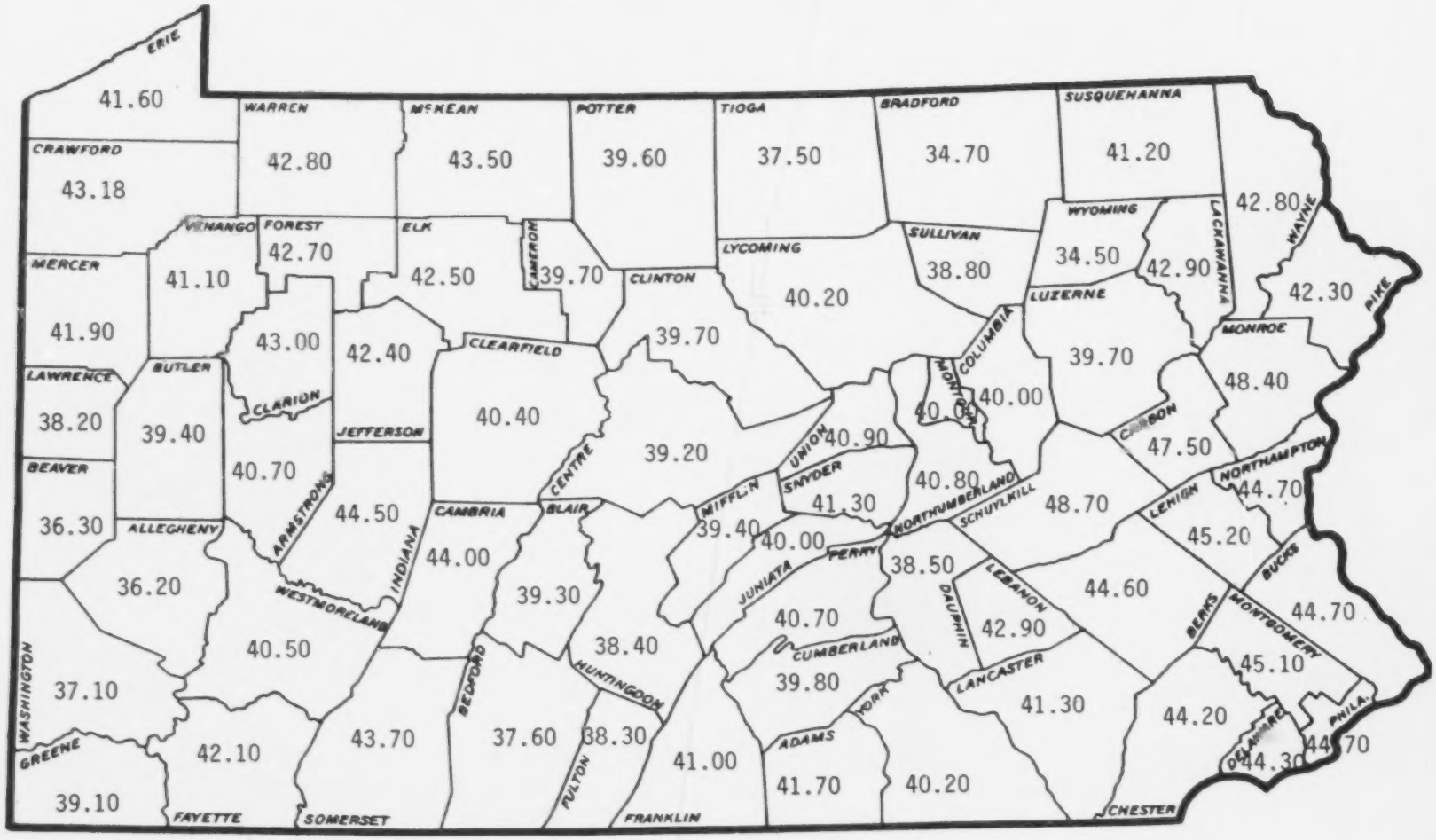
Date	Fall Plowing % Complete				Potatoes % Harvested				Corn % In Dough Or Past			
	1982	1983	1984	1985	1982	1983	1984	1985	1982	1983	19 4	1985
Aug. 10	8	4	-	15	15	13	8	26	27	14	14	23
15	14	8	14	20	20	21	10	31	45	22	25	37
20	19	14	16	23	22	24	13	35	53	42	37	50
25	24	20	18	27	26	29	18	39	66	63	54	61
30	30	26	24	36	32	36	24	46	76	76	67	71
Sep. 05	43	36	32	43	38	44	32	55	86	87	82	82
10	51	45	42	47	44	46	43	62	90	91	88	92
15	61	50	51	51	51	47	51	72	94	97	95	96
20	72	55	59	58	59	52	55	75	-	-	-	-
25	77	61	67	66	74	62	61	78	-	-	-	-
30	79	66	74	72	78	64	73	82	-	-	-	-
Oct. 05	83	74	77	74	82	74	78	87	-	-	-	-
10	90	84	80	82	90	86	82	89	-	-	-	-
15	91	86	81	90	92	88	88	92	-	-	-	-

Date	Wheat % Planted				Barley % Planted				Corn % Harvested			
	1982	1983	1984	1985	1982	1983	1984	1985	1982	1983	1984	1985
Sep. 10	18	6	22	15	19	12	22	17	-	-	-	-
15	25	12	34	16	33	24	36	20	-	-	-	-
20	32	19	40	24	48	38	44	33	-	-	-	2
25	44	31	45	32	60	53	54	44	-	-	-	4
30	50	39	52	42	77	68	68	55	-	-	-	9
Oct. 05	57	54	68	48	90	80	76	71	-	8	-	13
10	69	72	76	62	96	89	84	81	5	12	6	15
15	83	74	78	75	-	92	90	89	12	17	10	20
20	91	81	84	82	-	96	96	95	21	24	15	27
25	95	89	88	88	-	-	-	-	32	35	19	31
30	-	93	92	93	-	-	-	-	39	49	24	42
Nov. 05	-	96	96	-	-	-	-	-	55	64	29	52
10	-	-	-	-	-	-	-	-	65	69	42	57

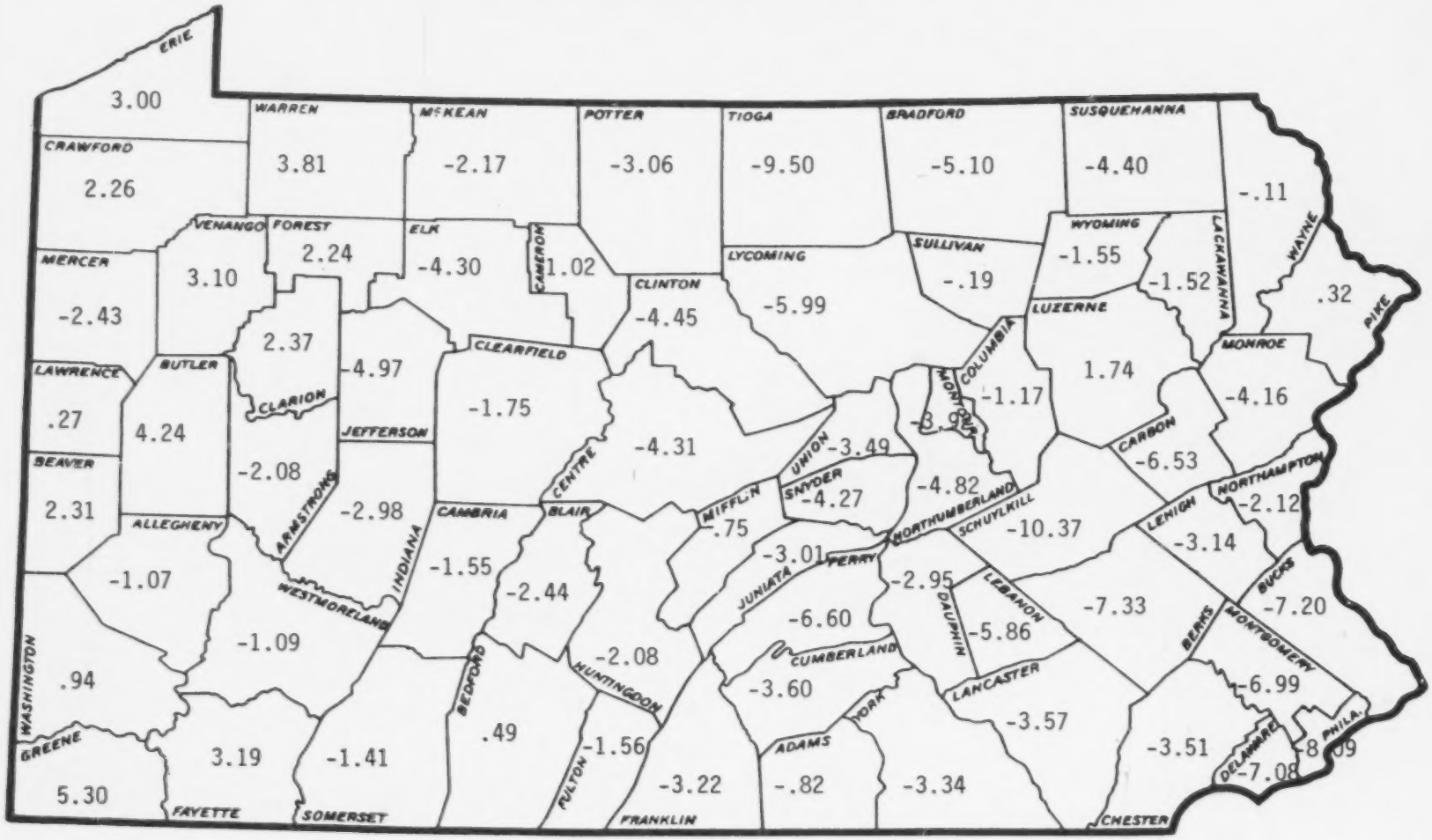
PENNSYLVANIA: TEMPERATURE, PRECIPITATION AND SNOWFALL, 1985, BY NATIONAL WEATHER SERVICE

Division	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
POCONO MOUNTAINS:												
Av. Temp.--Degrees.....	20.20	27.70	37.50	49.20	58.90	61.90	68.30	67.20	61.90	50.30	41.50	24.00
Departure From Normal.....	-3.10	2.90	3.70	3.10	2.60	-3.00	-1.00	-.60	1.30	.40	2.40	-3.80
Precip. - Inches.....	.83	1.83	2.16	2.06	5.08	4.58	5.04	3.95	7.78	2.04	6.57	2.63
Departure From Normal.....	-2.24	-.89	-1.33	-1.74	1.31	.73	1.14	-.25	3.78	-1.50	2.79	-.82
Snowfall - Inches.....	10.80	14.30	.70	.90	.00	.00	.00	.00	.00	.00	2.40	14.70
EAST CENTRAL MOUNTAINS:												
Av. Temp.--Degrees.....	25.50	31.40	41.90	52.40	62.80	66.30	71.10	70.40	64.70	53.50	45.40	27.60
Departure From Normal.....	-.80	3.40	4.80	3.60	4.10	-1.30	-1.10	-.10	1.40	1.40	4.00	-3.00
Preci. - Inches.....	1.01	2.01	1.49	.94	5.34	4.34	5.73	3.16	7.78	1.46	7.52	2.01
Departure From Normal.....	-2.27	-.83	-2.31	-2.94	1.48	.61	1.37	-1.26	3.61	-1.97	3.64	-1.63
Snowfall - Inches.....	6.70	11.50	.30	.00	.00	.00	.00	.00	.00	.00	.00	2.70
SOUTHEAST PIEDMONT:												
Av. Temp.--Degrees.....	26.10	32.90	42.70	54.30	63.30	67.40	74.00	72.50	67.10	56.60	48.50	30.70
Departure From Normal.....	-3.80	1.10	2.10	2.50	1.80	-3.00	-.90	-1.00	.50	1.40	4.00	-3.30
Precip. - Inches.....	1.28	2.49	1.76	.83	5.36	2.85	4.61	4.24	6.39	1.71	6.12	1.43
Departure From Normal.....	-1.97	-.29	-2.01	-2.90	1.75	-1.00	.45	.13	2.60	-1.37	2.58	-2.11
Snowfall - Inches.....	10.00	8.70	.10	.70	.00	.00	.00	.00	.00	.00	0.10	3.00
LOWER SUSQUEHANNA:												
Av. Temp.--Degrees.....	26.20	32.60	43.10	55.10	63.30	68.10	73.90	72.20	66.80	55.70	48.10	30.20
Departure From Normal.....	-2.90	1.60	2.90	3.40	2.00	-1.90	-.50	-.90	.70	1.40	4.70	-2.80
Precip. - Inches.....	1.12	2.92	3.10	.69	5.85	2.46	5.12	3.05	2.66	1.95	7.29	1.46
Departure From Normal.....	-1.84	.27	-.60	-2.91	2.21	-1.51	1.77	-.54	-1.00	-1.03	4.09	-1.73
Snowfall - Inches.....	9.60	11.60	.00	4.60	.00	.00	.00	.00	.00	.00	.00	4.70
MIDDLE SUSQUEHANNA:												
Av. Temp.--Degrees.....	24.00	30.00	40.50	53.40	61.40	64.70	71.30	70.20	65.50	53.40	45.40	27.70
Departure From Normal.....	-2.30	2.00	3.20	4.20	2.40	-3.10	-.80	-.40	1.90	1.40	4.20	-2.70
Precip. - Inches.....	.74	1.82	3.07	1.36	4.91	3.62	4.20	3.48	2.63	1.69	7.26	1.95
Departure From Normal.....	-1.97	-.67	-.34	-1.99	1.13	-.31	.50	-.07	-1.08	-1.41	3.88	-1.04
Snowfall - Inches.....	9.30	7.70	.20	1.10	.00	.00	.00	.00	.00	.00	.00	4.30
UPPER SUSQUEHANNA:												
Av. Temp.--Degrees.....	19.20	25.10	35.40	48.60	56.30	59.50	66.00	65.80	61.20	49.60	40.80	22.80
Departure From Normal.....	-3.20	1.70	2.90	3.80	1.30	-4.30	-2.20	-.70	1.70	.80	2.50	-4.10
Precip. - Inches.....	.67	1.32	1.97	1.63	4.40	3.94	4.49	4.63	3.35	1.76	5.24	1.50
Departure From Normal.....	-1.76	-.92	-.93	-1.45	.93	.34	.98	1.19	-.19	-1.25	2.11	-1.21
Snowfall - Inches.....	11.00	12.20	4.40	2.50	.00	.00	.00	.00	.00	.00	3.90	13.10
CENTRAL MOUNTAINS:												
Av. Temp.--Degrees.....	20.30	25.80	36.50	49.70	58.00	61.70	67.60	67.40	62.70	50.90	43.60	25.30
Departure From Normal.....	-3.20	.90	2.30	3.50	1.70	-3.10	-1.30	-.10	2.00	1.40	4.80	-2.60
Precip. - Inches.....	.96	1.62	4.62	1.23	3.55	3.51	3.06	4.17	2.72	1.92	7.52	1.86
Departure From Normal.....	-1.64	-.81	1.19	-2.15	-.23	-.53	-1.01	.43	-.77	-.98	4.46	-.90
Snowfall - Inches.....	18.30	14.20	3.10	5.40	.00	.00	.00	.00	.00	.00	.00	12.00
SOUTH CENTRAL MOUNTAINS:												
Av. Temp.--Degrees.....	21.80	27.90	39.20	52.20	59.90	63.90	69.70	68.90	64.10	53.00	45.70	26.80
Departure From Normal.....	-5.10	-.60	1.70	2.90	1.10	-3.10	-1.30	-.90	.90	1.20	4.40	-4.10
Precip. - Inches.....	2.49	2.49	5.73	1.87	5.30	3.06	4.28	2.25	.98	2.79	9.57	1.66
Departure From Normal.....	-.47	-.17	1.97	-1.85	1.49	-.88	.19	-1.27	-2.27	-.12	6.52	-1.32
Snowfall - Inches.....	14.30	9.40	.00	8.20	.00	.00	.00	.00	.00	.00	0.10	13.90
SOUTHWEST PLATEAU:												
Av. Temp.--Degrees.....	21.10	25.90	39.60	52.80	59.40	63.30	69.10	68.40	63.60	53.50	46.80	26.00
Departure From Normal.....	-5.60	-2.70	1.70	3.50	.50	-3.80	-1.80	-1.40	.20	1.50	5.30	-5.50
Precip. - Inches.....	1.90	1.69	5.06	2.11	6.13	3.02	5.89	3.26	.91	2.59	11.24	2.46
Departure From Normal.....	-1.14	-.91	1.41	-1.64	2.16	-1.05	1.66	-.61	-2.44	-.24	8.47	-.47
Snowfall - Inches.....	21.70	13.70	.30	5.50	.00	.00	.00	.00	.00	.00	.00	12.20
NORTHWEST PLATEAU:												
Av. Temp.--Degrees.....	19.30	23.90	36.10	50.30	58.20	61.10	67.10	66.80	62.40	51.10	43.60	23.40
Departure From Normal.....	-4.30	-1.10	1.90	4.20	2.00	-3.80	-1.60	-.70	1.40	.90	4.20	-5.10
Precip. - Inches.....	2.21	2.07	5.70	1.94	3.49	4.52	4.55	4.67	2.97	2.97	9.66	3.08
Departure From Normal.....	-.67	-.39	2.32	-1.77	-.26	.29	.42	.77	-.65	-.25	6.22	-.15
Snowfall - Inches.....	42.00	18.30	6.70	8.20	.00	.00	.00	.00	.00	.00	0.40	35.40

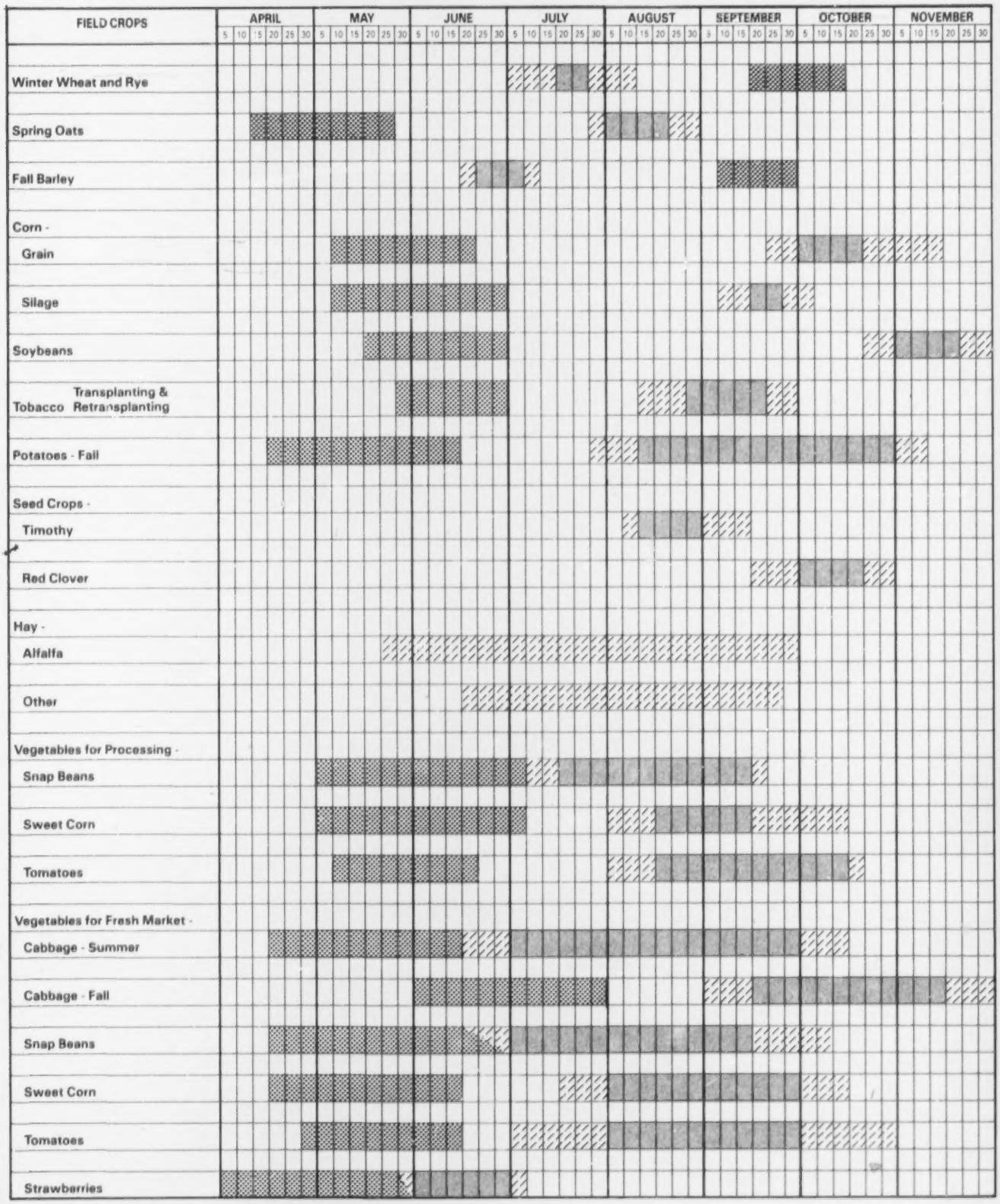
NATIONAL WEATHER SERVICE
MIDDLE ATLANTIC RIVER FORECAST CENTER
AVERAGE COUNTY PRECIP FOR THE PERIOD 1/1/85 TO 12/31/85



NATIONAL WEATHER SERVICE
MIDDLE ATLANTIC RIVER FORECAST CENTER
DEVIATION FROM NORMAL PRECIP FOR THE PERIOD 1/1/85 TO 12/31/85



USUAL PLANTING AND HARVESTING DATES FOR PRINCIPAL PENNSYLVANIA FIELD AND VEGETABLE CROPS



FRUIT REVIEW — 1985

By Delores A. Barney

During the 1985 growing season, Pennsylvania fruit crops experienced some unfavorable weather conditions. The average date of full bloom for the various fruit crops was: apples, April 24; peaches, April 19; pears, April 21; sweet cherries, April 20; tart cherries, April 21 and grapes, June 12. The unfavorable weather conditions caused decreases in production for all fruit crops except apples. Of these crops the 1985 peaches were hurt the most. Warmer than normal spring temperatures caused peach trees to bud and blossom earlier than usual, only to be killed by a late spring frost which cut the crop more than half. Disease and insect problems were minimal.

The production of the Commonwealth's six major fruit crops (apples, peaches, pears, sweet cherries, tart cherries and grapes) totaled 368,300 tons in 1985, down 8 percent from the 398,700 tons in 1984.

APPLES: The 1985 commercial apple crop in Pennsylvania totaled 585 million pounds, up 2 percent from the 575 million pounds in 1984. The crop was valued at 54.8 million dollars, up 4 percent from the 1984 value of 52.9 million dollars. Pennsylvania ranked fifth nationally in apple production.

PEACHES: Peach production in Pennsylvania totaled 40 million pounds in 1985, dropping 53 percent from the previous year's 85 million pounds. The season average price was 25.1 cents per pound compared with 19.3 cents per pound in 1984. The value of the Commonwealth's peach crop was 9.4 million dollars, down 43 percent from 1984. Nationally, Pennsylvania ranked sixth in peach production.

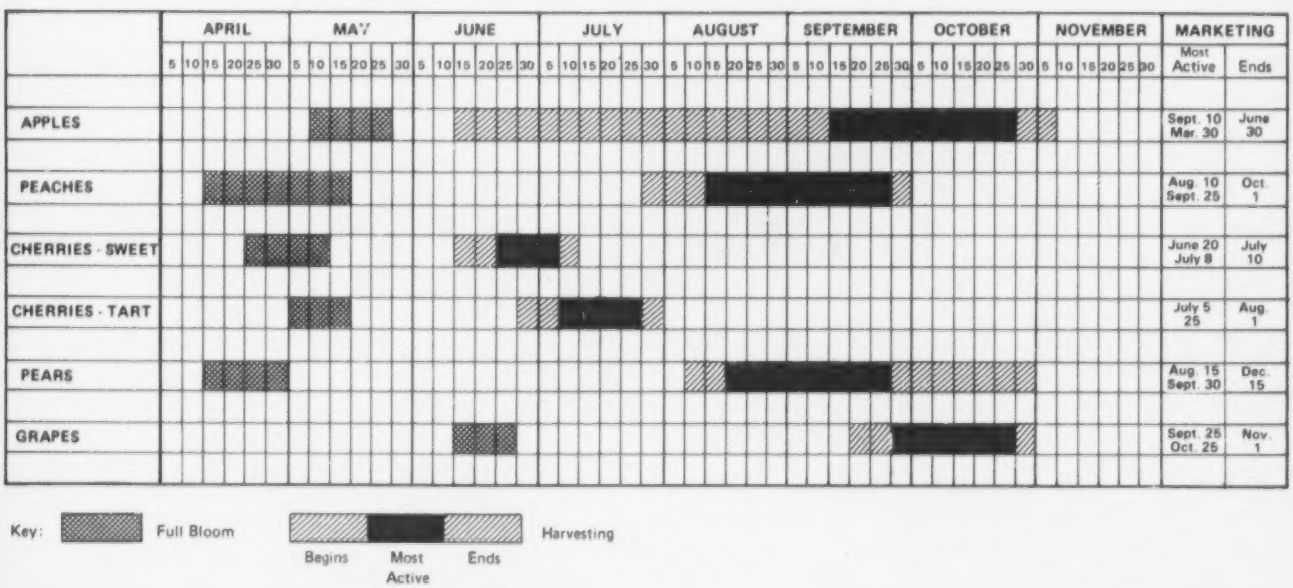
GRAPES: The 1985 grape crop in Pennsylvania totaled 50,000 tons, down 17 percent from 1984. The price per ton averaged 148 dollars in 1985, up 3 percent from the previous year. The total value was 7.4 million dollars, down 13 percent from a year earlier. Pennsylvania ranked fifth nationally in the production of grapes.

PEARS: The production of pears in Pennsylvania totaled 2,300 tons in 1985, down 30 percent from the 1984 figure of 3,300 tons. The pear crop was valued at .73 million dollars, down 30 percent from the previous year's 1.05 million dollars. The Commonwealth ranked eighth nationally in 1985 pear production.

TART CHERRIES: Tart cherry production in Pennsylvania totaled 6.0 million pounds in 1985, compared with 9.0 million pounds in 1984, a decrease of 33 percent. The season average price was 26.8 cents per pound compared with 26.3 cents per pound in 1984. Nationally, the Commonwealth ranked sixth in the production of tart cherries.

SWEET CHERRIES: The production of sweet cherries in the Commonwealth for 1985 was 500 tons, a decrease of 44 percent from the 1984 production of 900 tons. The average price per ton was 1,310 dollars compared with the previous year's price per ton of 1,220 dollars. Pennsylvania's crop for 1985 was valued at .66 million dollars, down 40 percent from the 1984 value of 1.10 million dollars. Nationally, Pennsylvania ranked ninth in sweet cherry production.

USUAL DATES OF FULL BLOOM, HARVEST AND MARKETING FOR PRINCIPAL PENNSYLVANIA FRUIT CROPS



PENNSYLVANIA: FRUIT CROPS - PRODUCTION, DISPOSITION AND VALUE, 1965-1985

Year	Production		Utilization					Price Per Unit 1/	Value Of Utilized Production
				Processed					
	Total	Utilized	Fresh	Canned	Juice	Other	All Processed		
				APPLES (MILLION LBS.)				$/Lb.	Thous. Dols.
1965	500.0	493.4	133.4	290.4	2/	69.6	360.0	.033	16,430
1970	540.0	510.0	195.0	225.1	78.9	11.0	315.0	.038	19,329
1975	550.0	503.5	228.2	201.5	62.2	11.6	275.3	.059	29,707
1980	570.0	570.0	207.8	193.1	161.9	7.2	362.2	.075	42,743
1981	400.0	400.0	152.2	145.7	97.4	4.7	247.8	.095	37,981
1982	525.0	525.0	183.8	215.8	118.4	7.0	341.2	.093	48,908
1983	500.0	500.0	175.0	201.1	116.9	7.0	325.0	.085	42,425
1984	575.0	575.0	207.0	228.2	132.2	7.6	368.0	.092	52,877
1985	585.0	585.0	210.0	234.1	136.1	4.8	375.0	.094	54,810
				PEACHES (MILLION LBS.)					
1965	110.4	105.1	88.5	-	-	-	16.6	.052	5,413
1970	84.0	84.0	74.0	-	-	-	10.0	.077	6,468
1975	90.0	90.0	83.4	-	-	-	6.6	.122	10,980
1980	105.0	105.0	94.9	9.4	-	.7	10.1	.145	15,225
1981	65.0	65.0	60.0	-	-	-	5.0	.176	11,420
1982	90.0	90.0	83.2	6.5	-	.3	6.8	.214	19,252
1983	94.0	94.0	82.5	10.9	-	.6	11.5	.168	15,834
1984	85.0	85.0	78.5	6.1	-	.4	6.5	.193	16,402
1985	40.0	37.4	33.9	3.1	-	.4	3.5	.251	9,376
				PEARS (TONS)				$/Ton	
1965	3,300	3,300	-	-	-	-		141	465
1970	4,100	4,100	-	-	-	-	-	153	627
1975	4,500	4,500	-	-	-	-	-	216	972
1980	3,500	3,500	-	-	-	-	-	299	1,046
1981	3,000	3,000	-	-	-	-	-	304	912
1982	4,600	4,580	-	-	-	-	-	310	1,420
1983	2,700	2,700	-	-	-	-	-	285	770
1984	3,300	3,150	-	-	-	-	-	332	1,047
1985	2,300	2,300	-	-	-	-	-	319	733
				TART CHERRIES (MILLION LBS.)				$/Lb.	
1965	25.0	24.4	-	-	-	-	-	.056	1,366
1970	14.0	14.0	.5	5.5	-	-	13.5	.078	1,092
1975	12.6	11.5	1.1	6.8	-	-	10.4	.114	1,311
1980	5.6	5.6	.8	-	-	-	4.8	.275	1,540
1981	8.0	8.0	.5	-	-	-	7.5	.456	3,650
1982	5.5	5.5	.8	-	-	-	4.7	.207	1,137
1983	8.5	8.5	1.5	-	-	-	7.0	.473	4,020
1984	9.0	9.0	.9	-	-	-	8.1	.263	2,367
1985	6.0	6.0	.6	-	-	-	5.4	.268	1,608
				SWEET CHERRIES (TONS)				$/Ton	
1965	1,200	1,180	-	-	-	-	-	306	361
1970	600	600	-	-	-	-	-	500	300
1975	860	860	-	-	-	-	-	730	628
1980	700	700	-	-	-	-	-	1,090	763
1981	300	300	-	-	-	-	-	1,147	344
1982	600	580	-	-	-	-	-	1,372	796
1983	800	750	-	-	-	-	-	1,460	1,095
1984	900	900	-	-	-	-	-	1,220	1,098
1985	500	500	-	-	-	-	-	1,310	655
				GRAPES (TONS)					
1965	49,000	45,000	2,500	-	-	-	42,500	131	5,895
1970	45,000	45,000	1,800	-	36,230	6,970	43,200	147	6,615
1975	48,000	48,000	1,660	-	39,250	7,090	46,340	168	8,064
1980	56,000	56,000	2,000	-	44,500	9,500	54,000	167	9,360
1981	61,000	61,000	1,800	-	45,600	13,600	59,200	186	11,335
1982	47,000	47,000	1,900	-	37,800	7,300	45,100	225	10,585
1983	62,500	62,500	1,000	-	55,500	6,000	61,500	170	10,646
1984	60,000	59,500	1,500	-	51,600	6,400	58,000	143	8,527
1985	50,000	50,000	900	-	44,200	4,900	49,100	148	7,378

1/ Fresh and processing prices combined.

PENNSYLVANIA: APPLES AND PEACHES - PRODUCTION AND VALUE, 1985

County & District	Apples		Peaches	
	Production	Value Of Production	Production	Value Of Production
	Pounds	Dollars	Pounds	Dollars
Crawford	779,000	73,000	-	-
Erie	8,911,000	834,900	368,000	92,300
Forest	1/	1/	-	-
Mercer	190,000	17,800	285,000	71,400
Venango	580,000	54,300	-	-
Warren	1/	1/	-	-
NORTHWESTERN, TOTAL	**10,460,000**	**980,000**	**653,000**	**163,700**
Bradford	1,037,000	97,100	60,000	15,000
Cameron	1/	1/	-	-
Clinton	432,000	40,400	-	-
Elk	1/	1/	-	-
Lycoming	1,909,000	178,800	122,000	30,600
McKean	1/	1/	-	-
Potter	1/	1/	-	-
Sullivan	1/	1/	-	-
Tioga	1/	1/	-	-
NORTH CENTRAL, TOTAL	**3,378,000**	**316,300**	**182,000**	**45,600**
Lackawanna	137,000	12,800	-	-
Susquehanna	346,000	32,400	-	-
Wayne	13,000	1,200	-	-
Wyoming	1,903,000	178,300	-	-
NORTHEASTERN, TOTAL	**2,399,000**	**224,700**	-	-
Armstrong	1,348,000	126,300	34,000	8,500
Beaver	1,702,000	159,500	69,000	17,300
Butler	1/	1/	1/	1/
Clarion	580,000	54,300	1/	1/
Indiana	1,500,000	140,500	4,000	1,000
Jefferson	1/	1/	-	-
Lawrence	1,489,000	139,500	24,000	6,000
WEST CENTRAL, TOTAL	**6,619,000**	**620,100**	**131,000**	**32,900**
Blair	7,305,000	684,400	117,000	29,300
Cambria	410,000	38,400	-	-
Centre	2,300,000	215,500	1/	1/
Clearfield	699,000	65,500	-	-
Columbia	3,361,000	314,900	942,000	236,200
Dauphin	4,684,000	438,900	355,000	89,000
Huntingdon	1,460,000	136,800	77,000	19,300
Juniata	11,090,000	1,039,100	1,242,000	311,400
Mifflin	1,427,000	133,700	323,000	81,000
Montour	325,000	30,500	41,000	10,300
Northumberland	4,052,000	379,600	175,000	43,900
Perry	1,095,000	102,600	90,000	22,600
Snyder	9,261,000	867,700	793,000	198,800
Union	533,000	49,900	1/	1/
CENTRAL, TOTAL	**48,002,000**	**4,497,500**	**4,155,000**	**1,041,800**
Carbon	670,000	62,800	150,000	37,600
Lehigh	24,322,000	2,278,800	7,836,000	1,964,400
Luzerne	2,125,000	199,100	41,000	10,300
Monroe	1/	1/	1/	1/
Northampton	5,913,000	554,000	2,564,000	642,800
Pike	1/	1/	-	-
Schuylkill	4,679,000	438,400	1,393,000	349,200
EAST CENTRAL, TOTAL	**37,709,000**	**3,533,100**	**11,984,000**	**3,004,300**
Allegheny	18,313,000	1,715,800	88,000	22,100
Fayette	2,000	200	1/	1/
Greene	7,000	700	-	-
Somerset	1,386,000	129,900	-	-
Washington	3,885,000	364,000	64,000	16,000
Westmoreland	1,394,000	130,600	64,000	16,000
SOUTHWESTERN, TOTAL	**24,987,000**	**2,341,200**	**216,000**	**54,100**
Adams	292,420,000	27,397,600	2,760,000	691,900
Bedford	7,720,000	723,300	33,000	8,300
Cumberland	12,773,000	1,196,700	56,000	14,000
Franklin	71,362,000	6,686,100	3,282,000	822,800
Fulton	1/	1/	-	-
York	23,020,000	2,156,800	2,309,000	578,900
SOUTH CENTRAL, TOTAL	**407,295,000**	**38,160,500**	**8,440,000**	**2,115,900**
Berks	20,200,000	1,892,600	3,587,000	899,200
Bucks	4,070,000	381,300	837,000	209,800
Chester	7,507,000	703,400	957,000	239,900
Delaware	468,000	43,800	496,000	124,300
Lancaster	8,890,000	832,900	4,620,000	1,158,200
Lebanon	1,543,000	144,600	659,000	165,200
Montgomery	1,473,000	138,000	483,000	121,100
Philadelphia	1/	1/	-	-
SOUTHEASTERN, TOTAL	**44,151,000**	**4,136,600**	**11,639,000**	**2,917,700**
PENNSYLVANIA	**585,000,000**	**54,810,000**	**37,400,000**	**9,376,000**

1/ Combined with other counties in the same district to avoid disclosure of individual operations.

COMMERCIAL VEGETABLE PRODUCTION — 1985

By Delores A. Barney

PENNSYLVANIA: Vegetable growers in Pennsylvania had nearly normal weather conditions throughout the growing season; however, precipitation and soil moisture levels were both below normal throughout most of the state. These conditions contributed to lower production levels in 1985.

PRODUCTION: The total production of both fresh market and processing vegetables was 179,250 tons, down 6 percent from last year. This includes sweet corn, tomatoes, and strawberries for fresh market and snap beans, sweet corn, and tomatoes for processing. Fresh market production was down 6 percent and processing production was down 5 percent. Sweet corn production dropped 9 percent for fresh market and 3 percent for processing. Tomato production for fresh market was up slightly, but tomatoes for processing fell 9 percent. Snap bean production for processing was up 9 percent from 1984. Strawberry production was 18 percent below the previous year.

YIELD: Sweet corn yields were 7,100 pounds per acre for fresh market and 3.97 tons per acre for processing. Fresh market tomato yield at 160 cwt. per acre, was down 6 cwt. per acre while processing tomato yield increased 7 percent from 1984 to 19.45 tons per acre. This was the highest yield reported since 1978. Strawberry yield remained the same at 3,000 pounds per acre.

ACREAGE: Total harvested acreage for both fresh market and processing vegetables was down 4 percent at 32,400 acres. Fresh market acreage decreased 5 percent to 21,000 while processing acreage dropped 3 percent to 11,400.

VALUE: The combined value of both fresh and processing vegetables at $36,642,000 decreased 7 percent from 1984. The fresh market sector totaled $28,486,000, down 7 percent. The processing total (at the processing plant door) was $8,156,000, down 6 percent from a year ago. Fresh market prices per hundredweight were the same for sweet corn, down for tomatoes and up for strawberries. Processing vegetable prices per ton were up for snap beans, but down for sweet corn and tomatoes.

PENNSYLVANIA: TOTAL PRINCIPAL VEGETABLES, FRESH AND PROCESSING, 1968-1985

Year	Fresh				Processing				Total			
	Acreage		Production	Value	Acreage		Production	Value	Acreage		Production	Value
	Planted	Harvested			Planted	Harvested			Planted	Harvested		
			Thous. Cwt.	Thous. Dollars			Thous. Tons	Thous. Dollars			Thous. Cwt.	Thous. Dollars
1968.....	21,580	20,710	1,700	9,367	44,100	40,850	245	11,110	65,680	61,560	6,590	20,477
1969.....	20,180	19,380	1,581	8,600	31,040	28,770	190	8,374	51,220	48,150	5,385	16,974
1970.....	18,830	18,030	1,609	8,497	27,550	26,520	203	8,888	46,380	44,550	5,661	17,385
1971.....	18,470	17,670	1,614	9,474	27,600	26,700	169	7,753	46,090	44,390	4,996	17,227
1972.....	18,190	17,390	1,384	10,278	26,660	23,060	105	5,031	44,850	40,450	3,478	15,309
1973.....	18,120	17,620	1,342	10,643	24,110	23,160	133	6,942	42,230	40,780	4,002	17,585
1974.....	17,840	17,640	1,440	11,548	23,770	22,280	143	11,300	41,610	39,920	4,294	22,848
1975.....	19,630	18,930	1,783	14,367	23,440	22,170	147	11,577	43,070	41,100	4,721	25,944
1976.....	21,950	21,150	1,920	16,227	19,410	18,960	162	11,361	41,360	40,110	5,152	27,588
1977.....	25,970	23,470	2,036	17,358	18,770	17,770	145	10,210	44,740	41,240	4,930	27,568
1978.....	26,560	25,560	2,044	26,228	15,340	14,940	108	7,890	41,900	40,500	4,200	34,110
1979.....	27,800	26,300	1,951	25,276	15,400	14,630	98	7,574	43,200	40,930	3,909	32,850
1980.....	28,000	26,100	1,711	20,956	15,340	15,020	66	5,748	43,340	41,120	3,034	26,704
1981.....	26,700	25,600	2,189	28,355	16,300	15,800	108	10,243	43,000	41,400	4,349	38,598
1982 1/.....	22,200	21,300	1,574	26,347	16,400	15,700	114	10,905	38,600	37,000	3,854	37,252
1983 1/.....	22,900	21,300	1,291	25,153	13,700	13,200	99	8,907	36,600	34,500	3,271	34,060
1984 1/.....	22,900	22,100	1,977	30,782	12,700	11,800	91	8,683	35,600	33,900	3,797	39,465
1985 1/.....	22,200	21,000	1,861	28,486	11,900	11,400	86	8,156	34,100	32,400	3,585	36,642

1/ Fresh includes sweet corn, tomatoes and strawberries. Processing includes snap beans, sweet corn, and tomatoes.

PENNSYLVANIA: PRINCIPAL VEGETABLES FOR FRESH MARKET, 1979-1985

Crop	Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Farm Value 1/	
						Per Cwt.	Total
				Cwt.	Thous. Cwt.	Dollars	Thous. Dollars
Snap Beans	1979	3,300	3,200	53	170	23.60	4,012
	1980	3,400	3,300	30	99	24.30	2,406
	1981	3,500	3,400	50	170	24.80	4,216
	1982	2/	2/	2/	2/	2/	2/
	1983	2/	2/	2/	2/	2/	2/
	1984	2/	2/	2/	2/	2/	2/
	1985	2/	2/	2/	2/	2/	2/
Cabbage	1979	3,200	2,900	181	524	6.20	3,249
	1980	3,200	2,900	132	383	9.27	3,550
	1981	2,900	2,800	205	574	8.53	4,896
	1982	2/	2/	2/	2/	2/	2/
	1983	2/	2/	2/	2/	2/	2/
	1984	2/	2/	2/	2/	2/	2/
	1985	2/	2/	2/	2/	2/	2/
Sweet Corn	1979	17,300	16,300	46	750	10.50	7,875
	1980	17,500	16,100	48	773	11.50	8,890
	1981	16,600	15,800	55	869	12.40	10,776
	1982	16,600	15,800	55	869	12.80	11,123
	1983	16,800	15,300	44	673	14.30	9,624
	1984	16,600	15,900	73	1,161	12.40	14,396
	1985	15,900	14,800	71	1,051	12.40	13,032
Tomatoes	1979	4,000	3,900	130	507	20.00	10,140
	1980	3,900	3,800	120	456	13.40	6,110
	1981	3,700	3,600	160	576	14.70	8,467
	1982	3,800	3,700	170	629	14.90	9,372
	1983	4,300	4,200	130	546	17.80	9,719
	1984	4,600	4,500	170	765	16.00	12,240
	1985	4,900	4,800	160	768	15.60	11,981
Strawberries	1979	1,500	1,500	38	57	67.60	3,853
	1980	1,600	1,600	39	62	72.60	4,501
	1981	1,700	1,700	40	68	78.60	5,345
	1982	1,800	1,800	42	76	77.00	5,852
	1983	1,800	1,800	40	72	80.70	5,810
	1984	1,700	1,700	30	51	81.30	4,146
	1985	1,400	1,400	30	42	82.70	3,473

PENNSYLVANIA: PRINCIPAL VEGETABLES FOR PROCESSING, 1979-1985

Crop	Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Value At Processing Plant Door 1/	
						Per Ton	Total
				Tons	Tons	Dollars	Thous. Dollars
Snap Beans	1979	5,000	4,700	2.11	9,920	167.00	1,657
	1980	6,100	5,900	1.55	9,150	175.00	1,601
	1981	5,700	5,500	2.25	12,380	191.00	2,365
	1982	6,500	6,200	2.16	13,390	201.00	2,691
	1983	4,600	4,500	1.76	7,920	198.00	1,568
	1984	5,300	4,900	2.88	14,110	200.00	2,822
	1985	4,700	4,500	3.43	15,440	207.00	3,196
Sweet Corn	1979	4,100	3,900	2.91	11,350	43.30	491
	1980	4,100	4,000	3.54	14,160	49.10	695
	1981	4,200	4,100	3.21	13,160	66.10	870
	1982	4,800	4,500	3.61	16,250	58.00	943
	1983	4,100	3,700	2.48	9,180	52.20	479
	1984	3,900	3,600	4.66	16,780	64.40	1,081
	1985	4,200	4,100	3.97	16,280	52.10	848
Tomatoes	1979	4,600	4,400	16.65	73,260	65.80	4,821
	1980	3,400	3,400	11.88	40,390	71.20	2,875
	1981	4,900	4,800	16.67	80,020	80.50	6,442
	1982	5,100	5,000	16.85	84,250	86.30	7,271
	1983	5,000	5,000	16.43	82,150	83.50	6,860
	1984	3,500	3,300	18.13	59,830	79.90	4,780
	1985	3,000	2,800	19.45	54,460	75.50	4,112

1/ Value of fresh vegetables represents F.O.B. farm value and processing vegetables represents plant door value.
2/ Estimates discontinued after 1981.

MUSHROOMS

By Herbert D. Trice

PENNSYLVANIA MUSHROOM PRODUCTION DOWN 2 PERCENT: Pennsylvania led all states in mushroom production of 275,196,000 pounds during the 1984-85 season. Production in the Keystone State accounted for 46 percent of the United States production, down from the 50 percent for the previous year. Pennsylvania accounted for 38 percent of the Nation's fresh market sales and 66 percent of the processing sales. This compares to last season's percent of 40 and 72 percent, respectively. Fresh market sales at 159.7 million pounds were up 3 percent from the previous year, but processing sales at 115.5 million pounds, were down 8 percent.

The average price for the 1984-85 season was 67.5 cents per pound compared with the previous season's price of 73.4 cents. Value of Pennsylvania's crop was $185.8 million, $19.4 million lower than the previous year. Pennsylvania growers used 68.5 million square feet to produce the 1984-85 crop compared to 74.3 million square feet for the previous year's crop. Growers intend to use 62.3 million square feet to produce the 1985-86 crop.

PENNSYLVANIA AND UNITED STATES: MUSHROOM SALES BY TYPE AND PERCENT OF TOTAL, 1973-1985

Year	Pennsylvania					United States				
	Fresh Market		Processing		Total Production	Fresh Market		Processing		Total Production
	Volume Of Sales	Percent	Volume Of Sales	Percent		Volume Of Sales	Percent	Volume Of Sales	Percent	
	1,000 Pounds									
1973-74.....	46,336	28	117,684	72	164,020	102,293	37	177,200	63	279,493
1974-75.....	59,486	33	119,136	67	178,622	126,118	42	172,963	58	299,081
1975-76.....	64,590	36	114,327	64	178,917	142,121	46	167,695	54	309,816
1976-77.....	62,783	32	135,823	68	198,606	151,247	44	195,882	56	347,129
1977-78.....	75,260	34	144,798	66	220,058	191,080	48	207,623	52	398,703
1978-79.....	61,222	29	152,568	71	213,790	229,538	51	224,469	49	454,007
1979-80.....	70,049	33	143,660	67	213,709	255,846	54	214,223	46	470,069
1980-81.....	87,861	37	149,602	63	237,463	275,052	59	194,524	41	469,576
1981-82.....	120,141	44	152,907	56	273,048	319,132	62	198,014	38	517,146
1982-83.....	129,331	52	117,251	48	246,582	337,234	69	153,592	31	490,826
1983-84.....	154,675	55	124,979	45	279,654	388,075	69	173,456	31	561,531
1984-85.....	159,667	58	115,529	42	275,196	419,913	70	175,768	30	595,681

PENNSYLVANIA AND OTHER STATES: AREA, PRODUCTION, PRICE AND VALUE

State	Area In Production				Production	Price Per Pound	Value Of Production
	First Filling	Second Filling	Additional Fillings	Total			
	1,000 Sq. Ft.				1,000 Lbs.	Cents	1,000 Dols.
	July 1, 1983 - June 30, 1984						
Pennsylvania.....	23,926	22,883	27,480	74,289	279,654	73.4	205,196
Other States.....	16,680	15,995	35,846	68,521	281,880	100.0	281,192
United States.....	40,606	38,878	63,326	142,810	561,531	86.6	486,388
	July 1, 1984 - June 30, 1985						
Pennsylvania.....	22,155	20,248	26,121	68,524	275,196	67.5	185,801
Other States.....	15,139	14,728	40,742	70,609	320,485	96.1	307,847
United States.....	37,294	34,976	66,863	139,133	595,681	82.9	493,648

PENNSYLVANIA AND OTHER STATES: BED OR TRAY AREA TO BE IN PRODUCTION JULY 1, 1985 TO JUNE 30, 1986

State	Intentions July 1985 - June 1986				Intentions As Percent of 1984 - 1985			
	First Filling	Second Filling	Additional Fillings	Total	First Filling	Second Filling	Additional Fillings	Total
	1,000 Square Feet				Percent			
Pennsylvania...	19,835	18,468	23,984	62,287	90	91	92	91
Other States...	15,275	14,903	41,694	71,872	101	101	102	102
United States..	35,110	33,371	65,678	134,159	94	95	98	96

FLOWERS AND FOLIAGE PLANTS — 1985

By Jeffrey T. Bailey

The 1985 wholesale value of sales by commercial flower and foliage plant producers in Pennsylvania totaled $82,692,000. The equivalent wholesale value of sales of the 15 comparable crops for 1985 was $64,608,000, compared with $64,434,000 in 1984.

A commercial producer is defined as one who had $10,000 or more in gross sales of cut flowers, flowering and foliage plants, bedding plants or cultivated florist greens.

The wholesale value of cut flowers totaled $17,328,000. The equivalent wholesale value of sales of the 7 comparable cut flowers was $16,726,000, up 35 percent over previous year. The largest increases came from hybrid tea roses and sweetheart roses, up 49 and 44 percent respectively. The wholesale value of potted flowering plants was $21,468,000. The equivalent wholesale value of sales of the 4 comparable potted flowering plants was $16,323,000, down 14 percent from the previous year.

The wholesale value of sales for foliage plants for indoor or patio use was $14,155,000. The equivalent wholesale value of sales for potted foliage was $8,875,000, up 26 percent from 1984. The wholesale value for bedding and garden plants in flats was $19,229,000, while the equivalent value was $17,610,000, up slightly from 1984. The wholesale value of potted bedding and garden plants was $10,512,000. Comparable geraniums totaled $6,323,000, down 24 percent from 1984.

Growers reported 21,949,000 square feet in production during 1985 with intentions to increase their production area by one percent in 1986. Area intended for production shows slight increases for most crops except the cut flowers.

The derived wholesale value per square foot for all area in production during 1985 averaged $3.77, ranging from $1.26 for pompom mums to $9.23 for hybrid tea roses.

In 1984, Pennsylvania ranked first nationally for the wholesale sales of potted geraniums and Easter lilies. The Commonwealth came in second for standard mums, roses and poinsettias and third for potted mums and snapdragons.

PENNSYLVANIA: FLOWERS, FOLIAGE PLANTS & BEDDING PLANTS, 1984-1985

Flowers, Foliage Plants and Bedding Plants	Units	Sales		% of Sales at Wholesale		Wholesale Price		Value of Sales at Wholesale 1/	
		1984	1985	1984	1985	1984	1985	1984	1985
		Thous.		Percent		Dollars		Thous. Dols.	
Cut Flowers									
Carnation, Standard	Blooms	3,037	1,756	75	78	17.10	16.60	519	292
Miniatures	Bunches	58	121	65	74	2.78	1.29	161	156
Chrysanthemums, Standard	Blooms	2,006	1,469	70	63	54.40	69.90	1,091	1,027
Pompom	Bunches	391	345	35	36	1.45	1.50	567	518
Roses, Hybrid Tea	Blooms	20,207	22,748	93	99	35.90	47.60	7,254	10,830
Sweetheart	Blooms	9,595	8,890	95	98	25.00	38.90	2,399	3,458
Snapdragons	Stems	1,114	1,437	72	86	38.50	31.00	429	445
Other Cut Flowers 2/		-	-	-	66	-	-	-	602
Total		-	-	-	-	-	-	12,420	17,328
Potted Flowering Plants									
African Violets 2/	Pots	-	731	-	98	-	.88	-	643
Chrysanthemums (Excluding Hardy/Garden Mums)	Pots	2,070	1,454	89	93	2.86	2.81	5,920	4,086
Hydrangeas	Pots	63	63	94	89	3.79	4.16	239	262
Easter Lilies 3/	Pots	489	677	81	88	4.70	3.99	2,298	2,701
Other Lilies 2/	Pots	-	36	-	58	-	3.33	-	120
Poinsettias	Pots	3,679	3,348	72	87	2.87	2.77	10,559	9,274
Other Flowering Plants 2/	Pots	-	2,001	-	95	-	2.19	-	4,382
Total		-	-	-	-	-	-	19,016	21,468
Foliage for Indoor or Patio									
Flowering Hanging Baskets 2/	Baskets	-	596	-	80	-	4.38	-	2,610
Foliage Hanging Baskets 2/	Baskets	-	592	-	89	-	4.51	-	2,670
Potted Foliage 4/		-	-	83	87	-	-	7,062	8,875
Total		-	-	-	-	-	-	7,062	14,155
Bedding/Garden Plants (Flats)									
Geraniums 2/	Flats	-	391	-	82	-	4.14	-	1,619
Other Flowering and Foliage Type	Flats	2,450	2,337	66	69	5.53	5.80	13,549	13,555
Vegetable Type	Flats	796	758	56	63	5.17	5.35	4,115	4,055
Total		-	-	-	-	-	-	17,664	19,229
Bedding/Garden Plants (Potted)									
Hardy/Garden Chrysanthemums 2/	Pots	-	1,454	-	82	-	1.51	-	2,196
Geraniums (Cutting)	Pots	12,346	5,024	87	72	.67	1.01	8,272	5,074
Geraniums (Seed) 2/	Pots	-	1,922	-	89	-	.65	-	1,249
Other Flowering and Foliage Type 2/	Pots	-	1,759	-	72	-	.98	-	1,724
Potted Vegetable Type 2/	Pots	-	598	-	58	-	.45	-	269
Total		-	-	-	-	-	-	8,272	10,512
Total of Surveyed Plants		-	-	-	-	-	-	64,434	82,692

1/ Equivalent wholesale value of all sales. 2/ Crop not surveyed in 1984. 3/ Data for 1984 includes all potted lilies. 4/ Gross value of sales less cost of plant materials purchased from other growers for growing on.

PENNSYLVANIA: FLOWERS, FOLIAGE PLANTS AND BEDDING PLANTS, 1984-1985

Flowers, Foliage Plants and Bedding Plants	Producers		Area for Production			
	1984	1985	1984	1985	Intended 1986	1986 as % of 1985
	Number		1,000 Sq. Ft.			Percent
Cut Flowers						
Carnation, Standard	27	24	162	119	84	71
Miniatures	17	18	23	27	16	61
Chrysanthemums, Standard	102	80	473	383	374	98
Pompom	82	76	348	412	393	95
Roses, Hybrid Tea	19	15	1,404	1,173	1,098	94
Sweetheart	13	13	395	384	324	84
Snapdragons	56	54	180	164	164	100
Other Cut Flowers 1/	-	48	-	849	730	86
Potted Flowering Plants						
African Violets 1/	-	28	-	110	109	99
Chrysanthemums	232	115	1,472	974	1,153	118
Hydrangeas	47	44	94	90	87	97
Easter Lilies 2/	201	201	416	463	457	99
Other Lilies 1/	-	35	-	27	35	130
Poinsettias	313	284	4,624	4,329	4,132	95
Other Flowering Plants 1/	-	93	-	1,092	1,175	108
Foliage for Indoor or Patio						
Flowering Hanging Baskets 1/	-	235	-	-	-	107
Foliage Hanging Baskets 1/	-	134	-	-	-	102
Potted Foliage	228	139	1,275	1,130	1,370	121
Bedding/Garden Plants (Flats)						
Geraniums 1/	-	74	-	357	384	108
Other Flowering and Foliage Type	442	359	4,728	4,043	4,160	103
Vegetable Type	373	315	1,467	1,335	1,344	101
Bedding/Garden Plants (Potted)						
Hardy/Garden Chrysanthemums	-	232	-	1,481	1,457	98
Geraniums (Cutting) 1/	423	341	2,883	1,965	2,014	102
Geraniums (Seed) 1/	-	113	-	398	417	105
Other Flowering and Foliage Type 1/	-	148	-	531	539	102
Potted Vegetable Type 1/	-	118	-	113	113	100
Total of Surveyed Plants	-	-	**19,944**	**21,949**	**22,129**	**101**

1/ Crop not surveyed in 1984. 2/ Data for 1984 includes all potted lilies.

NURSERY AND LANDSCAPING — 1985

By Norman W. Bennett

In 1985, gross receipts of the Commonwealth's 4,093 certified nurseries and dealers totaled 422.6 million dollars. Retail sales were 273.5 million dollars and accounted for nearly 65 percent of the total receipts. Sales by certified nurseries accounted for almost 54 percent of the total receipts while the nursery sales of certified dealers made up 46 percent of the total. The breakdown by source of products sold was: 53 percent self-grown, 33 percent purchased from other Pennsylvania establishments and 14 percent purchased from out of state establishments.

The nursery and landscaping industry employed 23,617 persons in 1985 with 44 percent of the total being employed full-time. In the industry work force there were also 2,895 unpaid family members. Salaries and wages paid totaled 108.8 million dollars while expenditures for services such as fertilizing, spraying, etc. totaled 4.8 million dollars.

The 1985 market value of land, structures and equipment used in Pennsylvania's nursery and landscaping industry came in at 571.3 million dollars. Total land used in nursery operations during 1985 was 59,352 acres. This includes land in certified nursery stock plus work areas and other land related with the nursery operation. Land used by operators of nursery product enterprises for all agricultural operations including nursery totaled 172,384 acres.

Nursery greenhouse area totaled 26.5 million square feet, cold frames covered 3.4 million square feet, shaded areas covered 2.1 million square feet and sales and storage areas covered 7.8 million square feet.

PENNSYLVANIA: NUMBER OF ESTABLISHMENTS, NUMBER OF EMPLOYEES, SALARIES, AND EXPEDITURES - 1985

Type Of Business	Number Of Establishments	Employees				Salaries And Wages Paid	Expenditures For Services 2/
		Unpaid Family	Hired 1/		Total Hired		
			Full Time	Part Time			
	Number					Dollars	
Nursery	2,211	2,173	4,748	7,648	12,396	55,393,250	2,085,569
Dealer	1,882	722	5,641	5,580	11,221	53,449,038	2,678,831
Total	4,093	2,895	10,389	13,228	23,617	108,842,288	4,764,400

PENNSYLVANIA: SALES, ORIGIN OF PRODUCTS, AND MARKET VALUE - 1985

Type Of Business	Gross Receipts 5/			Source Of Products Sold			Market Value 3/
	Wholesale	Retail	Total	Grown	Purchased		
					Penna.	Other	
	Dollars			Percent			Dollars
Nursery	124,937,679	101,670,111	226,607,790	76	14	10	385,906,428
Dealer	24,223,623	171,810,740	196,034,363	11	67	22	185,351,030
Total	149,161,302	273,480,851	422,642,153	53	33	14	571,257,458

PENNSYLVANIA: LAND AND COVERED AREAS - 1985

Type Of Business	Land Area		Covered Area - Nursery Useage			
	Ag. & Nursery Useage	Nursery Useage 4/	Greenhouse	Cold Frames	Shaded	Sheds
	Acres		Square Feet			
Nursery	155,810	54,063	24,243,475	2,612,203	1,171,775	3,051,459
Dealer	16,574	5,289	2,213,085	749,516	956,147	4,728,784
Total	172,384	59,352	26,456,560	3,361,719	2,127,922	7,780,243

1/ Employees considered full-time if employed 150 days or more.
2/ Services such as fertilizing, spraying, labor contracting, etc.
3/ Market value of land, structures, and equipment used in nursery product operations.
4/ Includes land in certified nursery stock plus work areas and other areas related with the nursery operation.
5/ Includes gross receipts from landscaping services performed and sales of nursery products.

PRICES AND INCOME REVIEW — 1985

By Jeff Bailey

Season average prices received by Pennsylvania farmers for crops and livestock were generally less in 1985. The only price increase for crops was in apples. They rose 2 percent for both fresh market and all apples, to 14.7 and 9.4 cents per pound, respectively. For livestock, the only increase came for sheep, up $2.40 to $67.00 per hundred weight.

Cash income from farm marketings showed a decline in 1985. Preliminary estimates of income for crops, livestock and livestock products for Pennsylvania totaled $3.06 billion during 1985, down 3 percent from 1984. The total receipts for crops were estimated at $923 million, the same as the previous year. Receipts from livestock products totaled $2.14 billion, down 4.5 percent from 1984.

Pennsylvania farmers production expenditures were estimated at $3.02 billion during 1984, down slightly from 1983. Total receipts from farm marketings and government payments increased 5 percent during the same period to $3.25 billion. Half of the increase came because of government payments, up 2.7 times to $81 million. Net income per farm averaged $15,971 in 1984, up from the $7,017 a year earlier.

PENNSYLVANIA: PRICES RECEIVED BY FARMERS, MONTHLY, 1985

Commodity	Unit	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						Dollars							
Corn	Bu.	2.97	2.95	2.99	2.98	2.95	2.90	2.87	2.73	2.40	2.43	2.37	2.62
Oats	Bu.	2.05	2.04	2.06	1.93	1.97	1.78	1.42	1.17	1.29	0.97	1.02	1.20
Barley	Bu.	2.85	2.57	2.52	2.30	2.17	1.68	1.62	1.67	1.78	1.70	1.63	1.88
Wheat	Bu.	3.84	3.65	3.85	3.56	3.54	3.18	3.06	2.91	2.86	3.01	3.13	3.47
Potatoes (All)	Cwt.	9.65	10.60	10.00	10.30	10.50	-	10.50	6.15	5.15	5.75	6.65	6.55
Alfalfa Hay	Ton	96.00	96.00	91.00	84.00	86.00	81.00	76.00	77.00	73.00	74.00	81.00	76.00
Hay, All Baled	Ton	85.00	84.00	80.00	76.00	78.00	72.00	66.00	64.00	65.00	64.00	70.00	68.00
Apples (Fresh Market)	Cwt.	14.40	14.10	14.80	15.10	14.80	-	20.70	19.70	20.80	17.80	18.50	19.40
Barrows & Gilts	Cwt.	50.90	50.70	50.10	44.80	42.60	43.40	47.70	47.70	45.30	42.40	45.70	45.70
Steers & Heifers	Cwt.	56.00	55.80	55.80	54.70	53.30	52.00	50.30	49.10	50.10	52.80	53.00	51.70
Cows, Slaughter	Cwt.	37.20	39.60	40.10	38.70	39.40	38.00	35.60	34.70	33.40	32.70	32.80	34.10
Calves	Cwt.	65.90	66.20	65.60	62.00	64.20	70.90	66.50	57.60	55.90	58.10	65.50	57.80
Milk Cows 1/	Head	950.00	-	-	950.00	-	-	930.00	-	-	890.00	-	-
Broilers & Roasters	Lb.	.28	.28	.31	.32	.29	.32	.32	.32	.32	.32	.32	.32
Milk (Wholesale)	Cwt.	14.30	14.00	13.70	13.30	12.90	12.50	12.50	12.50	12.50	12.90	12.90	12.90
Eggs (Market)	Doz.	.52	.46	.50	.50	.50	.47	.51	.52	.57	.60	.62	.67

1/ Estimated Quarterly.

PENNSYLVANIA: SEASON AVERAGE PRICES RECEIVED BY FARMERS, 1975-1985

Commodity	Unit	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
						Dollars						
Corn	Bu.	2.60	2.37	2.32	2.68	2.97	3.62	2.68	2.73	3.75	2.83	2.70
Oats	Bu.	1.53	1.64	1.47	1.42	1.53	2.13	2.01	1.74	1.89	1.94	1.25
Barley	Bu.	1.73	2.01	1.93	1.81	2.18	2.89	2.35	1.95	2.20	2.45	1.65
Wheat	Bu.	2.99	3.00	2.40	3.35	4.24	4.10	3.50	3.25	3.65	3.60	3.00
Potatoes	Cwt.	5.75	5.00	4.70	4.85	5.00	7.90	7.05	5.50	8.10	6.35	4.55
Hay, All Baled	Ton	53.00	58.00	75.00	62.00	55.00	75.00	93.00	89.00	98.00	85.00	68.50
Apples, All	Lb.	.059	.083	.098	.089	.087	.075	.095	.093	.085	.092	.094
Apples (Fresh Market)	Lb.	.098	.121	.143	.145	.148	.129	.160	.151	.144	.144	.147
Hogs, All	Cwt.	46.10	44.30	39.10	46.30	43.00	38.90	46.80	55.60	48.90	49.50	45.60
Steers & Heifers	Cwt.	40.30	37.00	37.70	50.80	66.80	65.60	58.00	57.90	56.30	57.70	52.60
Cows, Slaughter	Cwt.	21.60	26.10	25.70	36.90	51.40	47.60	40.60	38.70	38.40	37.60	36.20
Calves	Cwt.	35.40	42.40	45.70	64.30	97.90	93.20	86.70	69.60	70.00	64.30	63.00
Sheep	Cwt.	13.30	13.80	14.30	19.80	29.30	25.00	22.10	20.90	17.30	17.60	21.70
Lambs	Cwt.	42.00	48.70	48.30	70.00	74.40	62.60	66.80	60.80	62.40	64.60	67.00
Milk Cows	Head	533.00	638.00	662.00	743.00	1110.00	1280.00	1310.00	1200.00	1120.00	965.00	930.00
Farm Chickens	Lb.	.206	.235	.199	.208	.206	.199	.170	.180	.160	.160	.120
Broilers & Roasters	Lb.	.315	.267	.252	.273	.275	.285	.300	.270	.280	.330	.310
Turkeys	Lb.	.373	.380	.402	.474	.460	.450	.450	.470	.470	.590	.500
Milk (Wholesale)	Cwt.	9.25	10.40	10.40	11.10	12.70	13.60	14.20	14.00	14.00	13.90	13.10
Eggs 1/	Doz.	.51	.57	.54	.49	.56	.51	.60	.56	.57	.70	.53
Wool	Lb.	.39	.60	.72	.76	.85	.78	.80	.37	.45	.70	.50

1/ Beginning with 1981, average prices received are for market eggs only.

PENNSYLVANIA: AVERAGE ANNUAL PRICES PAID BY FARMERS FOR SELECTED ITEMS AND YEAR, 1974-1985

Item	Unit	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
							Dollars						
Motor Supplies:													
Gasoline, Unleaded...	Gal.	.52	.55	.57	.60	.63	.87	1.21	1.36	1.27	1.22	1.21	1.21
Diesel Fuel.....	Gal.	.32	.38	.42	.48	.49	.72	.98	1.20	1.17	1.06	1.08	1.01
Spark Plugs.....	Each	1.22	1.28	1.20	1.30	1.20	1.30	1.25	1.28	1.27	1.40	1.45	1.58
Feed:													
Chick Starter.....	Ton	175.00	165.00	172.50	176.00	176.00	199.00	212.00	229.00	208.00	227.00	231.00	203.00
Laying Feed.....	Ton	158.00	149.00	154.92	153.00	154.00	172.00	185.00	205.00	198.00	198.00	208.00	181.00
Dairy Feed-16%.....	Ton	142.00	137.00	144.33	144.50	144.00	164.00	180.00	199.00	181.00	195.00	197.00	169.00
Middlings.....	Cwt.	7.29	7.00	7.19	7.08	6.80	7.60	8.70	9.90	9.30	9.20	9.40	7.63
Soybean Oilmeal-44%..	Cwt.	10.05	8.78	10.77	12.95	11.60	13.00	14.00	14.80	13.40	14.20	13.10	10.18
Corn Meal.....	Cwt.	7.32	6.94	6.72	6.03	6.20	7.00	8.00	8.80	8.30	8.90	9.40	7.72

PENNSYLVANIA: PRICES PAID BY FARMERS FOR FEED, CHICKS AND PRICE-FEED RATIOS, MONTHLY 1985

Item	Unit	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
							Dollars						
Poultry:													
Chick Starter.....	Ton	220	210	205	198	210	199	205	197	205	199	197	196
Broiler Grower.....	Ton	200	190	187	193	193	192	187	187	192	188	181	185
Turkey Grower.....	Ton	215	210	210	210	210	215	215	205	205	200	200	200
Laying Feed.....	Ton	188	182	182	183	181	183	186	173	177	174	174	176
Egg Feed Price Ratio 1/.....		5.7	5.3	5.7	5.7	5.7	5.4	5.7	6.2	6.7	7.1	7.4	7.8
Broiler-Feed Price Ratio 2/.....		2.8	2.9	3.3	3.3	3.0	3.3	3.4	3.4	3.3	3.4	3.5	3.5
Broiler-Type Chicks Straight Run	100	25.00	25.50	25.00	23.50	23.50	24.00	26.00	24.00	24.00	23.50	22.50	24.00
Egg-Type, Pure Bred Pullets.....	100	40.50	42.50	42.50	42.50	42.50	42.50	42.00	42.00	43.00	42.00	43.00	45.00
Egg-Type, Incross (hybrid) Pullets.....	100	40.00	40.00	40.00	41.50	43.00	42.00	40.00	39.00	40.00	42.00	42.00	42.50
Dairy:													
Mixed Dairy Feed, 16%.....	Ton	177	174	175	173	173	171	168	164	164	161	163	169
Mixed Dairy Feed, 18%.....	Ton	181	179	178	175	174	171	171	166	168	166	164	174
Mixed Dairy Feed, 32%.....	Ton	235	230	225	225	220	220	210	205	215	225	225	225
Milk-Feed Price Ratio 3/.....		1.62	1.61	1.57	1.54	1.49	1.46	1.49	1.52	1.52	1.60	1.58	1.53
Hog & Beef:													
Mixed Hog-Feed, 14-18%.....	Cwt.	10.10	9.90	9.80	10.10	10.10	10.00	10.00	9.60	9.60	9.40	9.30	9.30
Mixed Hog-Feed, 38-42%.....	Cwt.	13.40	13.00	12.60	12.50	12.80	12.50	12.80	12.30	12.50	12.80	13.10	13.30
Hog-Corn Price Ratio 4/.....		16.8	16.7	14.8	14.2	14.5	16.4	16.6	16.3	17.3	18.3	19.0	19.0
Beef-Cattle Concentrate, 32-36%.	Cwt.	11.00	11.20	11.00	11.00	11.00	10.80	10.50	11.00	11.00	11.00	11.50	11.50
Ingredients:													
Bran.....	Cwt.	9.10	9.10	9.00	9.10	8.90	8.80	8.90	8.40	8.30	8.40	8.30	8.50
Corn Meal.....	Cwt.	8.30	8.10	7.90	8.00	7.90	7.80	7.90	7.70	7.40	7.40	7.00	7.20
Soybean Meal 44%.....	Cwt.	11.00	10.50	10.50	10.50	10.00	9.60	9.70	9.60	9.70	10.00	10.50	10.50
Cottonseed Meal, 41%.....	Cwt.	14.50	14.00	13.50	14.50	13.50	13.50	13.50	14.00	13.50	13.50	13.50	13.00
Stock Salt.....	Cwt.	7.80	7.70	8.10	8.10	7.80	8.00	8.10	8.20	7.80	7.80	7.70	7.80
Liquid Molasses.....	Cwt.	7.50	7.50	7.50	7.40	7.20	7.20	7.50	7.40	7.60	7.40	7.50	7.60

1/ Pounds of laying feed equal to one dozen eggs.
2/ Pounds of broiler grower feed equal to one pound of broiler liveweight.
3/ Pounds of 16% mixed dairy feed equal in value to one pound of whole milk.
4/ Bushels of corn equal in value to 100 pounds of hog liveweight.

PENNSYLVANIA: CASH RECEIPTS FROM FARM MARKETING AND GOVERNMENT PAYMENTS, 1940-1985

Year	Cash Income From Farm Marketings			Government Payments	Total Marketings & Government Payments
	Crops	Livestock & Livestock Products	Total Crops & Livestock		
	Thousand Dollars				
1940	75,775	192,859	268,634	6,679	275,313
1950	161,089	533,156	694,245	6,282	700,527
1960	206,032	601,019	807,051	11,783	818,834
1970	260,886	775,873	1,036,759	25,159	1,061,918
1972	271,556	821,307	1,092,863	22,892	1,115,755
1973	368,202	985,261	1,353,463	15,293	1,368,756
1974	462,344	1,042,550	1,504,894	4,916	1,509,810
1975	475,587	1,124,752	1,600,339	5,310	1,605,649
1976	542,740	1,272,508	1,815,248	5,774	1,821,022
1977	596,478	1,301,273	1,897,751	7,476	1,905,227
1978	649,517	1,487,353	2,136,870	12,659	2,149,529
1979	726,165	1,749,722	2,475,887	6,036	2,481,923
1980	689,289	1,943,365	2,632,654	8,333	2,640,987
1981	765,225	2,147,899	2,913,124	11,878	2,925,002
1982	825,026	2,162,347	2,987,373	7,438	2,994,811
1983	837,747	2,222,559	3,060,306	30,058	3,090,364
1984	923,093	2,242,437	3,165,530	80,658	3,246,188
1985	923,210	2,139,945	3,063,155	-	-

PENNSYLVANIA: REALIZED GROSS AND NET INCOME FROM FARMING, 1960-1984

	1960	1965	1970	1975 1/	1979	1980	1981	1982	1983	1984
	Million Dollars									
Cash Receipts From Farm Marketings	807.1	838.5	1,036.8	1,600.3	2,475.9	2,632.7	2,913.1	2,987.4	3,060.3	3,165.5
Government Payments	11.8	21.4	25.2	5.3	6.0	8.3	11.9	7.4	30.1	80.7
Non-Money Income	139.5	96.0	120.7	215.0	343.7	403.3	432.1	420.2	410.7	425.6
Other Farm Income	4.1	6.6	7.1	17.3	44.8	46.6	51.7	54.9	55.3	68.6
Gross Farm Income	962.4	962.4	1,189.7	1,838.0	2,870.5	3,091.0	3,408.9	3,469.9	3,556.3	3,740.4
Farm Production Expenses	709.9	726.9	886.3	1,533.4	2,355.1	2,690.2	2,888.8	2,890.4	3,022.2	3,016.6
Realized Net Farm Income	252.5	235.5	303.4	304.6	515.4	400.7	520.0	579.5	534.1	723.8
Net Change-Farm Inventories	14.7	-3.4	10.8	5.2	95.6	-6.2	146.6	-58.5	-120.0	202.5
Total Net Farm Income	267.2	232.1	314.2	309.8	611.0	394.5	666.6	521.0	414.0	926.3
Estimated Number of Farms (Thousands)	106	85	74	66	61	62	61	60	59	58
Average Net Income Per Farm (Dollars)	2,521	2,731	4,246	4,694	10,016	6,363	10,928	8,683	7,017	15,971

1/ Beginning in 1975 the estimated number of farms is based on the new definition of a farm, which is a farm with sales of $1,000 or more.

PENNSYLVANIA: FARM PRODUCTION EXPENSES, 1982-1984

	1982	1983	1984
	Million Dollars		
Current Farm Operating Expenses:			
Feed	603.4	717.1	674.0
Livestock	105.4	116.1	102.3
Seed	56.5	53.2	63.2
Fertilizer & Lime	158.9	155.2	141.4
Repairs & Operation of Capital Items	344.8	332.6	341.5
Hired Labor	254.9	245.0	252.1
Miscellaneous	497.9	543.2	569.4
Total Current Farm Operating Expenses	2,021.8	2,162.5	2,143.8
Depreciation	647.3	633.6	644.8
Taxes On Farm Property	82.9	86.8	91.0
Interest On Farm Mortgage Debt	173.5	175.4	172.1
Net Rent To Non-Operator Landlords	-35.1	-36.1	-35.1
Total Production Expenses	2,890.4	3,022.2	3,016.6

PENNSYLVANIA: CASH RECEIPTS FROM SALE OF AGRICULTURAL PRODUCTS FROM FARMS BY COMMODITIES, 1982-1984 1/

Commodity	1982		1983		1984	
	Value	Percent Of Total	Value	Percent Of Total	Value	Percent Of Total
	Thous. Dols.	Percent	Thous. Dols.	Percent	Thous. Dols.	Percent
ALL COMMODITIES	2,987,373	2.1	3,060,306	2.2	3,165,530	2.2
LIVESTOCK PRODUCTS	2,162,347	72.4	2,222,559	72.6	2,242,437	70.8
MEAT ANIMALS	430,972	14.4	431,942	14.1	441,157	13.9
Cattle/Calves	345,227	11.6	310,882	10.2	303,701	9.6
Hogs	82,215	2.8	118,363	3.9	133,953	4.2
Sheep/Lambs	3,530	.1	2,697	.1	3,503	.1
DAIRY PRODUCTS	1,301,691	43.6	1,330,863	43.5	1,305,705	41.2
Milk Wholesale	1,225,700	41.0	1,262,100	41.2	1,250,305	39.5
Milk Retail	75,991	2.5	68,763	2.2	55,400	1.8
POULTRY AND EGGS	398,520	13.3	421,525	13.8	448,653	14.2
Eggs	207,978	7.0	230,838	7.5	255,660	8.1
Broilers	127,182	4.3	117,833	3.9	121,006	3.8
Turkeys	47,329	1.6	60,724	2.0	64,782	2.0
Chickens, Farm	16,031	.5	12,130	.4	7,205	.2
MISCELLANEOUS LIVESTOCK	31,164	1.0	38,229	1.2	46,922	1.5
Wool	226	*	291	*	462	*
Other Livestock	30,938	1.0	37,938	1.2	46,460	1.5
CROPS	825,026	27.6	837,747	27.4	923,093	29.2
FOOD GRAINS	24,562	.8	23,790	.8	23,840	.8
Wheat	24,077	.8	23,028	.8	23,119	.7
Rye	485	*	762	*	721	*
FEED CROPS	238,834	8.0	214,092	7.0	233,292	7.4
Corn	153,492	5.1	132,235	4.3	141,192	4.5
Hay	73,491	2.5	70,112	2.3	82,835	2.6
Oats	9,594	.3	9,051	.3	5,833	.2
Barley	2,257	.1	2,694	.1	3,432	.1
TOBACCO	21,812	.7	20,435	.7	21,219	.7
OIL CROPS	22,333	.7	23,409	.8	30,638	1.0
VEGETABLES	73,143	2.4	70,258	2.3	78,699	2.5
Potatoes	28,855	1.0	29,256	1.0	29,564	.9
Tomatoes	16,643	.6	16,279	.5	17,020	.5
Corn, Sweet	12,066	.4	10,103	.3	15,477	.5
Beans, Snap	2,691	.1	1,568	.1	2,822	.1
Miscellaneous Vegetables	12,888	.4	13,052	.4	13,816	.4
FRUITS AND NUTS	88,798	3.0	80,251	2.6	82,804	2.6
Apples	53,538	1.8	41,818	1.4	49,646	1.6
Peaches	15,629	.5	15,590	.5	16,173	.5
Grapes	10,537	.4	10,596	.3	8,485	.3
Strawberries	5,852	.2	5,810	.2	4,146	.1
Cherries	1,204	*	5,039	.2	3,405	.1
Pears	1,327	*	687	*	949	*
Miscellaneous Fruits & Nuts	711	*	711	*	NA	*
ALL OTHER CROPS	355,544	11.9	405,512	13.3	452,601	14.3
Greenhouse/Nursery	173,900	5.8	216,130	7.1	244,434	7.7
Mushrooms	179,667	6.0	187,305	6.1	205,267	6.5
Other Field Crops	1,977	.1	2,077	.1	2,900	.1

1/ Percentages may not be accurate to 0.1 in last digit because of method of machine computation. * Less than 0.05 percent . N/A=not available.

PENNSYLVANIA: CASH RECEIPTS FROM THE SALE OF AGRICULTURAL CROPS, BY COUNTIES, 1984 1/

County & District	Crops				Total All Crops
	Field	Vegetables & Potatoes	Fruits	Horticulture & Mushrooms	
	Thousand Dollars				
Crawford	7,102	946	65	727	8,840
Erie	5,419	8,482	9,285	5,739	28,925
Forest	81	6	0	0	87
Mercer	6,396	894	64	2,963	10,317
Venango	1,056	62	38	461	1,617
Warren	1,191	432	36	24	1,683
NORTHWESTERN, TOTAL	**21,245**	**10,822**	**9,488**	**9,914**	**51,469**
Bradford	4,564	301	129	339	5,333
Cameron	29	3	0	0	32
Clinton	2,170	877	18	12	3,077
Elk	267	24	3	4	298
Lycoming	5,886	847	282	1,676	8,691
McKean	418	3	22	353	796
Potter	1,121	2,852	2	25	4,000
Sullivan	481	132	0	0	613
Tioga	2,606	228	20	220	3,074
NORTH CENTRAL, TOTAL	**17,542**	**5,267**	**476**	**2,629**	**25,914**
Lackawanna	811	3,078	15	149	4,053
Susquehanna	2,794	93	40	61	2,988
Wayne	1,788	60	1	586	2,435
Wyoming	1,349	325	208	196	2,078
NORTHEASTERN, TOTAL	**6,742**	**3,556**	**264**	**992**	**11,554**
Armstrong	4,078	291	78	49,303	53,750
Beaver	2,013	266	169	994	3,442
Butler	5,426	1,375	44	28,532	35,377
Clarion	2,606	551	56	292	3,505
Indiana	4,890	785	125	4,319	10,119
Jefferson	1,924	163	16	671	2,774
Lawrence	5,106	144	130	3,219	8,599
WEST CENTRAL, TOTAL	**26,043**	**3,575**	**618**	**87,330**	**117,566**
Blair	3,129	474	613	708	4,924
Cambria	1,888	4,583	32	1,343	7,846
Centre	5,728	695	219	622	7,264
Clearfield	1,494	158	51	1,004	2,707
Columbia	6,028	2,304	693	4,141	13,166
Dauphin	5,819	1,006	547	1,059	8,431
Huntingdon	3,576	130	143	220	4,069
Juniata	3,559	152	1,374	16	5,101
Mifflin	3,417	196	192	174	3,979
Montour	2,433	424	50	484	3,391
Northumberland	7,278	1,639	432	622	9,971
Perry	4,422	115	130	276	4,943
Snyder	3,904	1,098	1,050	108	6,160
Union	3,706	462	67	55	4,290
CENTRAL, TOTAL	**56,381**	**13,436**	**5,593**	**10,832**	**86,242**
Carbon	895	448	77	573	1,993
Lehigh	8,101	2,899	3,843	972	15,815
Luzerne	1,971	3,936	228	2,723	8,858
Monroe	892	168	19	233	1,312
Northampton	8,636	989	1,085	1,484	12,194
Pike	154	222	0	22	398
Schuylkill	4,341	5,006	781	382	10,510
EAST CENTRAL, TOTAL	**24,990**	**13,668**	**6,033**	**6,389**	**51,080**
Allegheny	827	734	2,051	7,962	11,574
Fayette	3,073	216	1	1,282	4,572
Greene	1,408	93	1	376	1,878
Somerset	4,415	1,616	151	886	7,068
Washington	5,195	858	446	2,216	8,715
Westmoreland	6,235	665	170	5,207	12,277
SOUTHWESTERN, TOTAL	**21,153**	**4,182**	**2,820**	**17,929**	**46,084**
Adams	6,725	1,046	33,386	1,253	42,410
Bedford	4,857	170	820	55	5,902
Cumberland	8,238	490	1,335	2,619	12,682
Franklin	9,600	733	11,051	482	21,866
Fulton	2,099	71	0	61	2,231
York	19,487	6,623	5,378	4,502	35,990
SOUTH CENTRAL, TOTAL	**51,006**	**9,133**	**51,970**	**8,972**	**121,081**
Berks	16,695	905	2,069	82,062	101,731
Bucks	11,525	3,837	448	12,458	28,268
Chester	13,268	1,067	709	183,314	198,358
Delaware	300	52	115	9,830	10,297
Lancaster	29,761	7,654	1,765	9,349	48,529
Lebanon	6,164	1,011	234	2,096	9,505
Montgomery	5,943	533	195	7,821	14,492
Philadelphia	230	-	4	686	920
SOUTHEASTERN, TOTAL	**83,886**	**15,059**	**5,539**	**307,616**	**412,100**
PENNSYLVANIA	**308,989**	**78,699**	**82,804**	**452,601**	**923,093**

1/ Totals may not add due to rounding.

PENNSYLVANIA: CASH RECEIPTS FROM THE SALE OF LIVESTOCK AND LIVESTOCK PRODUCTS, GOVERNMENT PAYMENTS AND TOTAL CASH RECEIPTS BY COUNTIES, 1984 1/

County & District	Livestock And Products				Government Payments 2/	Total All Crops, Livestock Products & Gov't Payments
	Meat Animals & Misc. Livestock	Dairy	Poultry	Total Livestock & Products		
	Thousand Dollars					
Crawford	6,883	39,201	2,610	48,694	753	58,287
Erie	6,511	31,190	762	38,463	876	68,266
Forest	112	734	24	870	15	972
Mercer	5,942	18,268	453	24,643	690	35,650
Venango	1,863	3,323	73	5,259	229	7,105
Warren	2,065	8,622	515	11,202	195	13,080
NORTHWESTERN, TOTAL	**23,356**	**101,338**	**4,437**	**129,131**	**2,760**	**183,360**
Bradford	15,958	74,264	4,268	94,490	1,190	101,013
Cameron	-	291	13	304	13	349
Clinton	2,838	6,751	571	10,160	299	13,536
Elk	922	1,125	1,387	3,434	76	3,808
Lycoming	5,151	13,408	1,097	19,656	568	28,915
McKean	736	3,193	146	4,075	197	5,068
Potter	2,247	12,712	212	15,171	300	19,471
Sullivan	1,158	4,295	58	5,511	77	6,201
Tioga	5,149	37,892	2,491	45,532	1,162	49,768
NORTH CENTRAL, TOTAL	**34,159**	**153,931**	**10,243**	**198,333**	**3,882**	**228,129**
Lackawanna	2,599	5,232	253	8,084	270	12,407
Susquehanna	4,458	40,206	290	44,954	545	48,487
Wayne	4,500	28,503	4,167	37,170	594	40,199
Wyoming	4,383	13,432	351	18,166	334	20,578
NORTHEASTERN, TOTAL	**15,940**	**87,373**	**5,061**	**108,374**	**1,743**	**121,671**
Armstrong	3,654	8,692	341	12,687	322	66,759
Beaver	1,638	5,998	426	8,062	89	11,593
Butler	5,781	10,651	1,713	18,145	315	53,837
Clarion	2,481	8,993	288	11,762	247	15,514
Indiana	4,743	13,337	3,075	21,155	323	31,597
Jefferson	1,642	6,796	306	8,744	337	11,855
Lawrence	4,039	11,931	2,082	18,052	342	26,993
WEST CENTRAL, TOTAL	**23,978**	**66,398**	**8,231**	**98,607**	**1,975**	**218,148**
Blair	4,731	27,109	936	32,776	610	38,310
Cambria	4,633	4,144	494	9,271	228	17,345
Centre	5,203	24,372	403	29,978	572	37,814
Clearfield	1,136	5,103	150	6,389	154	9,250
Columbia	4,383	6,647	1,906	12,936	313	26,415
Dauphin	8,865	15,264	12,716	36,845	373	45,649
Huntingdon	4,903	19,288	1,519	25,710	454	30,233
Juniata	4,241	17,925	11,225	33,391	532	39,024
Mifflin	5,324	27,158	3,735	36,217	493	40,689
Montour	2,857	3,714	878	7,449	244	11,084
Northumberland	9,709	8,780	7,673	26,162	879	37,012
Perry	5,063	17,343	7,626	30,032	525	35,500
Snyder	7,040	12,538	8,313	27,891	339	34,390
Union	7,561	11,972	5,478	25,011	451	29,752
CENTRAL, TOTAL	**75,649**	**201,357**	**63,052**	**340,058**	**6,167**	**432,467**
Carbon	639	627	306	1,572	210	3,775
Leigh	3,179	3,218	2,057	8,454	404	24,673
Luzerne	1,484	4,268	1,910	7,662	315	16,835
Monroe	1,150	648	86	1,884	183	3,379
Northampton	3,990	13,231	2,399	19,620	879	32,693
Pike	111	360	44	515	25	938
Schuylkill	6,225	4,939	13,651	24,815	542	35,867
EAST CENTRAL, TOTAL	**16,778**	**27,291**	**20,453**	**64,522**	**2,558**	**118,160**
Allegheny	2,696	1,566	500	4,762	53	16,389
Fayette	4,029	7,482	1,228	12,739	307	17,618
Greene	3,111	2,619	110	5,840	267	7,985
Somerset	7,904	30,623	698	39,225	682	46,975
Washington	6,326	17,149	311	23,786	532	33,033
Westmoreland	6,993	17,555	1,403	25,951	728	38,956
SOUTHWESTERN, TOTAL	**31,059**	**76,994**	**4,250**	**112,303**	**2,569**	**160,956**
Adams	22,090	17,912	21,665	61,667	676	104,753
Bedford	8,077	30,013	225	38,315	503	44,720
Cumberland	14,641	45,200	6,642	66,483	922	80,087
Franklin	19,737	79,689	10,284	109,710	1,652	133,228
Fulton	2,368	9,033	76	11,477	292	14,000
York	28,079	29,443	14,427	71,949	892	108,831
SOUTH CENTRAL, TOTAL	**94,992**	**211,290**	**53,319**	**359,601**	**4,937**	**485,619**
Berks	26,422	46,791	11,980	85,193	1,222	188,146
Bucks	6,150	12,343	1,758	20,251	308	48,827
Chester	19,826	55,432	10,741	85,999	875	285,232
Delaware	1,746	943	44	2,733	41	13,071
Lancaster	163,060	207,960	156,852	527,872	2,213	578,614
Lebanon	21,339	45,793	21,839	88,971	566	99,042
Montgomery	5,610	10,475	4,394	20,479	304	35,275
Philadelphia	-	-	12	12	-	932
SOUTHEASTERN, TOTAL	**244,153**	**379,737**	**207,620**	**831,510**	**5,529**	**1,249,139**
PENNSYLVANIA	**560,066**	**1,305,705**	**376,666**	**2,242,437**	**32,120**	**3,197,642**

1/ Totals may not add due to rounding. 2/ Differs from Government payments shown in preceeding tables due to different accounting periods used.

RECORD HIGHS AND LOWS IN PENNSYLVANIA AGRICULTURE 1/

Field Crops & Vegetables	Year Estimates Started		Acreage		Yield			Production	
			Harvested	Year	Unit	Per Acre	Year	Total	Year
			1,000					1,000	
Corn For Grain.....	1866	High	1,861	1981	Bu.	110	1985	151,800	1985
		Low	1,120	1866		22	1930	19,074	1930
Corn For Silage.....	1919	High	530	1983	Ton	16.5	1985	7,448	1982
		Low	156	1921		6.0	1930	1,326	1923
Wheat.....	1866	High	1,610	1901	Bu.	48	1985	26,565	1901
			200	1983		10.5	1872	7,095	1978
Oats.....	1866	High	1,330	1888	Bu.	70	1985	44,165	1918
		Low	280	1984		17.5	1890	14,878	1943
Barley.....	1866	High	245	1955	Bu.	62	1985	9,900	1967
		Low	7	1915		17.5	1901	130	1914
Rye.....	1866	High	398	1879	Bu.	37	1985	4,368	1891
		Low	11	1981		9	1870	186	1951
Soybeans.....	1924	High	170	1985	Bu.	35	1985	5,950	1985
		Low	2	1935		13	1957	33	1935
All Hay.....	1866	High	3,300	1892	Ton	2.66	1985	5,302	1985
		Low	1,870	1976		1.00	1911	2,255	1866
Alfalfa Hay.....	1919	High	850	1983	Ton	3.30	1985	2,772	1985
		Low	31	1919		1.60	1957	65	1919
Potatoes.....	1866	High	308	1917	Cwt.	260	1985	19,662	1934
		Low	21	1982		38	1876	4,180	1980
Tobacco.....	1866	High	49	1918	Lbs.	2,050	1981	72,275	1918
		Low	3	1869		730	1881	3,390	1867
Mushrooms.....	1966	High	-	-	Lbs.	-	-	279,654	1984
		Low	-	-		-	-	93,000	1966
Snap Beans (Proc.)..	1918	High	10.0	1965	Ton	3.43	1985	18.5	1967
		Low	.1	1921		.8	1930	.3	1921
Sweet Corn (Fresh)..	1939	High	29.4	1944	Cwt.	73	1984	1,250	1944
		Low	10.9	1972		35	1939	545	1972
Sweet Corn (Proc.)..	1918	High	16.7	1943	Ton	4.66	1984	44.9	1956
		Low	1.1	1921		.90	1930	3.0	1921
Strawberries.....	1918	High	4.1	1937	Cwt.	42	1982	125.3	1937
		Low	1.1	1974		14	1945	2.7	1945
Tomatoes (Fresh)....	1918	High	4.8	1985	Cwt.	170	1984	768	1985
		Low	.5	1926		53	1926	27	1926
Tomatoes (Proc.)....	1918	High	37.2	1945	Ton	20.4	1976	225.0	1958
		Low	.9	1921		2.9	1946	4.3	1921

1/ In some cases the record high and/or low is identical for more than one year. In such cases, the year shown is the latest year of occurrence.

RECORD HIGHS AND LOWS IN PENNSYLVANIA AGRICULTURE (CONTINUED) 1/

Fruit	Year Estimates Started	Unit		Production	
				Total	Year
Apples	1889	Mil. Lbs.	High	1,114	1896
			Low	78	1921
Tart Cherries	1938	Mil. Lbs.	High	35.0	1964
			Low	3.2	1977
Sweet Cherries	1938	Ton	High	2,200	1940
			Low	200	1972
Peaches	1899	Mil. Lbs.	High	148.8	1954
			Low	6.9	1899
Pears	1909	Ton	High	21,125	1920
			Low	1,900	1973
Grapes	1909	Ton	High	62,500	1983
			Low	6,000	1945

Livestock & Products	Year Estimates Started	Unit		Inventory January 1 Or Production	
				Total	Year
Cattle & Calves	1867	1,000	High	2,100	1982
			Low	1,250	1927
Milk Cows	1867	1,000	High	1,039	1956
			Low	670	1867
Hogs & Pigs	1867	1,000	High	1,265	1919
			Low	386	1966
Sheep	1867	1,000	High	2,985	1867
			Low	86	1984
Chickens (All)	1924	1,000	High	26,188	1946
			Low	13,850	1975
Turkeys (Raised)	1929	1,000	High	7,100	1985
			Low	192	1929
Broilers Produced	1939	1,000	High	115,058	1981
			Low	2,500	1939
Milk	1929	Mil. Lbs.	High	9,983	1985
			Low	2,242	1929
Eggs	1924	Mil. Eggs	High	4,774	1985
			Low	1,649	1924
Wool	1909	1,000 Lbs.	High	4,514	1911
			Low	570	1985

1/ In some cases the record high and/or low is indentical for more than one year. In such cases the year shown is the latest year of occurrence.

PENNSYLVANIA: RANK AMONG STATES IN CROP PRODUCTION, 1985

Item	1	2	3	4	5	6	7	8	9	10	PA if Not in Top 10
Corn for Grain	IA	IL	NE	IN	MN	OH	WI	MI	MO	SD	13
Corn for Silage	WI	MN	NY	PA	CA	NE	IA	MI	OH	SD	-
Winter Wheat	KS	TX	OK	CO	WA	NE	CA	OH	OR	MO	27
Oats	SD	MN	IA	WI	ND	OH	MI	NE	PA	NY	-
Barley	ND	ID	MN	WA	SD	MT	CA	CO	OR	UT	16
Rye	SD	MN	ND	GA	NE	OK	PA	NC	MI	SC	-
All Hay	WI	TX	MN	CA	IA	KS	NE	MO	MI	PA	-
Alfalfa Hay	WI	CA	MN	IA	MI	NE	KS	ID	IL	SD	12
Soybeans for Beans	IL	IA	IN	MO	OH	MN	AR	NE	MS	TN	27
Tobacco	NC	KY	TN	SC	VA	GA	MO	PA	OH	IN	-
Potatoes	ID	WA	ME	OR	WI	ND	CA	CO	MN	MI	13
Apples	WA	NY	MI	CA	PA	VA	NC	WV	CR	OH	-
Peaches	CA	SC	NJ	GA	MI	PA	WA	TX	NY	CO	-
Pears	CA	WA	OR	NY	MI	CO	UT	PA	CT	-	-
Grapes	CA	NY	WA	MI	PA	AZ	AR	OH	GA	NC	-
Cherries, Sweet	WA	MI	OR	CA	MT	ID/UT	NY	PA	-	-	-
Cherries, Tart	MI	NY	UT	WI	OR	PA	CO	-	-	-	-
Vegetables, Fresh	CA	FL	AZ	TX	OR	NY	MI	CO	WA	ID	15
Vegetables, Processing	CA	WI	MN	OR	OH	WA	MI	IL	NY	IN	15
Mushrooms	PA	CA	MI	DE	NY	MD	NJ	-	-	-	-

PENNSYLVANIA: RANKING OF COUNTIES IN CROP PRODUCTION, 1985

Item	1	2	3	4	5	6	7	8	9	10
Wheat	York	Lanc.	Berks	Lehigh	Cumb.	North'tn.	Adams	North'ld.	Frank.	Bucks
Corn for Grain	Lanc.	York	Berks	Chester	Frank.	Cumb.	North'tn.	Adams	Leb.	North'ld.
Corn for Silage	Lanc.	Frank.	Brad.	Berks	Leb.	Somer.	Cumb.	Chester	Bedford	York
Oats	Somer.	Craw.	Mercer	Butler	Erie	Col.	Cambria	Ind.	Berks	Brad.
Barley	York	Lanc.	Berks	Frank.	Chester	Leb.	Cumb.	Daup.	Adams	Lehigh
Soybeans	York	Bucks	Chester	Montg.	Lanc.	Leb.	Adams	North'ld.	Berks	Col.
Alfalfa Hay	Lanc.	Frank./ Berks	Brad.	Chester	Wash.	Bedford	Centre	West'ld.	Cumb.	Leb.
All Hay	Lanc.	Bradfd.	Frank.	Berks	Chester	Wash.	Tioga	Craw.	Susq.	Somer.
Potatoes	Erie	York	Cambria	Lanc.	Potter	Schuyl.	Lehigh	Somer.	Luzerne	Columbia
Tobacco	Lanc.	Chester	Leb.	Berks	York	Snyder	Daup.	Cumb.	Montour	Frank.
Apples	Adams	Frank.	Lehigh	York	Berks	Alleg.	Cumb.	Juniata	Snyder	Erie
Peaches	Lehigh	Lanc.	Berks	Frank.	Adams	North'tn.	York	Schuyl.	Juniata	Chester

PENNSYLVANIA: RANK AMONG STATES, LIVESTOCK, POULTRY PRODUCTS AND CASH RECEIPTS

Item	1	2	3	4	5	6	7	8	9	10	PA If Not in Top 10
LIVESTOCK INVENTORY 1/1/86											
All Cattle & Calves.....	TX	NE	KS	OK	CA	IA	MO	WI	SD	MN	19
Milk Cows.....	WI	CA	NY	MN	PA	MI	OH	IA	TX	MO	-
Hogs & Pigs 1/.....	IA	IL	IN	MN	NE	MO	NC	OH	SD	KS	16
Sheep & Lambs.....	TX	CA	WY	CO	SD	NM	UT	OR	MT	IA	23
POULTRY INVENTORY: 1/											
All Chickens, Excluding Broilers.....	CA	IN	GA	AR	PA	NC	OH	TX	AL	FL	-
Layers.....	CA	IN	PA	GA	AR	OH	TX	NC	AL	FL	-
Turkeys Raised.....	NC	MN	CA	AR	VA	MO	PA	IN	IA	WI	-
LIVESTOCK & POULTRY PRODUCTION, 1985:											
Milk Production.....	WI	CA	NY	MN	PA	MI	OH	IA	TX	WA	-
Milk Production Per Cow.	WA	CA	OR	ID	CO	MI	UT	MD	NC	PA	-
Egg Production.....	CA	IN	PA	GA	AR	OH	NC	TX	AL	FL	-
Broilers Produced.....	AR	GA	AL	NC	MS	MD	TX	DE	CA	FL	11
Egg-Type Chick Hatch....	IN	PA	CA	GA	FL	AR	IA	MN	MO	AL	-
Broiler Chick Hatch.....	AR	GA	AL	NC	MD	MS	TX	CA	DE	FL	10
SLAUGHTER IN COMMERCIAL PLANTS: HEAD											
Cattle.....	KS	TX	NE	IA	CO	CA	WI	IL	MN	PA	-
Calves.....	NY	WI	PA	CA	TX	IL	IN	LA	FL	NJ	-
Hogs.....	IA	IL	MI	NE	MN	OH	VA	IN	MO	SD	17
Sheep & Lambs.....	CO	CA	IA	TX	MN	SD	MI	IL	NM	WA	11
CASH RECEIPTS (1984):											
Total.....	CA	TX	IA	NE	IL	MN	KS	WI	FL	NC	17
Livestock & Products..	TX	IA	NE	CA	WI	KS	MN	PA	CO	IL	-
Crops.....	CA	IL	IA	TX	FL	MN	NE	KS	NC	IN	27

1/ Inventory December 1, 1985.

PENNSYLVANIA: RANKING OF COUNTIES IN LIVESTOCK, POULTRY, NUMBER OF FARMS AND CASH RECEIPTS

Item	1	2	3	4	5	6	7	8	9	10
INVENTORY, JANUARY 1, 1986:										
Cattle & Calves On Farms.....	Lanc.	Frank.	Brad.	Berks	Chester	York	Bed.	Craw.	Leb.	Som.
Hogs & Pigs 1/.....	Lanc.	Leb.	York	Berks	Frank.	Nth'ld.	Cumb.	Schuyl.	Snyder	Adams
Sheep & Lambs.....	Greene	Wash.	Lanc.	Brad.	Butler	Tioga	York	West'ld	Adams	Som.
Chickens, Excluding Broilers 1/...	Lanc.	Adams	Leb.	York	Daup.	Schuyl.	Frank.	Chester	Berks	Cumb.
Cows in Milking Herd, 1985.....	Lanc.	Brad.	Frank.	Chester	Berks	Leb.	Craw.	Tioga	Cumb.	Susq.
PRODUCTION, 1985:										
Broilers Raised.....	Lanc.	Leb.	Juniata	Snyder	Berks	Chester	Perry	Schuyl.	Daup.	Nth'ld
Milk Production.....	Lanc.	Frank.	Brad.	Chester	Berks	Leb.	Cumb.	Susq.	Tioga	Craw.
Egg Production.....	Lanc.	Adams	Leb.	York	Daup.	Schuyl.	Frank.	Chester	Berks	Cumb.
NUMBER OF FARMS.....	Lanc.	York	Berks	Chester	Wash.	Brad.	Frank/ Craw.	Erie	Mercer	West'ld
CASH RECEIPTS, 1984.....	Lanc.	Chester	Berks	Frank.	York	Adams	Brad.	Leb.	Cumb.	Erie

1/ Inventory December 1, 1985.

UNITED STATES: 100 LEADING COUNTIES IN VALUE OF ALL AGRICULTURE PRODUCTS SOLD, 1982 1/

County	Value 1982	Rank 1982	County	Value 1982	Rank 1982
	Thous. Dols.			Thous. Dols.	
Fresno, CA	1,495,634	1	Swisher, TX	201,158	51
Kern, CA	1,074,061	2	Orange, Fl	197,874	52
Tulare, CA	962,989	3	Lake, FL	196,715	53
Weld, CO	829,180	4	Hansford, TX	194,651	54
Imperial, CA	741,820	5	Iroquois, IL	192,753	55
Monterey, CA	737,821	6	Yolo, CA	191,677	56
Merced, CA	655,397	7	Henry, IL	191,524	57
Maricopa, AZ	627,557	8	Marion, OR	190,789	58
Riverside, CA	619,182	9	Plymouth, IA	190,741	59
San Joaquin, CA	593,227	10	Pottawattamie, IA	188,499	60
Lancaster, PA	**574,859**	**11**	Grant, WI	187,024	61
Deaf Smith, TX	562,681	12	Carroll, IA	186,526	62
Stanislaus, CA	555,417	13	Lamb, TX	184,231	63
Palm Beach, FL	534,779	14	Scotts Bluff, NE	183,977	64
San Bernardino, CA	479,140	15	Sonoma, CA	182,918	65
Kings, CA	478,412	16	Yuma, CO	180,133	66
Yakima, WA	467,733	17	Dade, FL	179,643	67
Ventura, CA	403,338	18	Livingston, IL	175,764	68
San Diego, CA	392,674	19	La Salle, IL	175,323	69
Yuma, AZ	355,361	20	Dodge, WI	174,295	70
Haskell, KS	344,157	21	Bingham, ID	173,901	71
Sioux, IA	323,993	22	Marathon, WI	173,296	72
Pinal, AZ	323,753	23	Moore, TX	169,415	73
Grant, WA	312,015	24	Bureau, IL	168,537	74
Parmer, TX	306,511	25	Morgan, CO	166,959	75
Hidalgo, TX	284,780	26	Sutter, CA	166,695	76
Texas, OK	284,053	27	Saunders, NE	165,779	77
Madera, CA	276,779	28	O'Brien, IA	165,422	78
Sussex, DE	269,964	29	**Berks, PA**	**163,259**	**79**
Dane, WI	266,752	30	Gray, KS	161,354	80
Cuming, NE	257,065	31	Champaign, IL	160,047	81
Castro, TX	234,083	32	Wichita, KS	159,238	82
Canyon, ID	233,067	33	Whitman, WA	159,169	83
Polk, FL	231,195	34	Randall, TX	158,683	84
Walla Walla, WA	230,117	35	Holt, NE	157,919	85
Santa Barbara, CA	227,940	36	Sherman, TX	157,635	86
Scott, KS	225,853	37	Polk, MN	157,305	87
Finney, KS	224,756	38	Umatilla, OR	154,895	88
Dawson, NE	223,405	39	Benton, AR	154,348	89
Los Angeles, CA	219,303	40	Renville, MN	153,720	90
Hillsborough, FL	219,038	41	Delaware, IA	153,387	91
Rockingham, VA	215,426	42	Sacramento, CA	152,416	92
Stearns, MN	212,696	43	Butte, CA	151,745	93
Duplin, NC	207,580	44	Otter Tail, MN	151,743	94
Hawaii, HI	206,427	45	Dallam, TX	151,672	95
Chester, PA	**206,203**	**46**	Hamilton, IA	151,257	96
Washington, AR	206,186	47	Franklin, WA	151,138	97
McLean, IL	205,938	48	Orange, CA	151,080	98
Kossuth, IA	202,307	49	Phelps, NE	148,771	99
Ford, KS	202,101	50	Kearny, KS	148,709	100

1/ Source, 1982 U.S. Census of Agriculture.

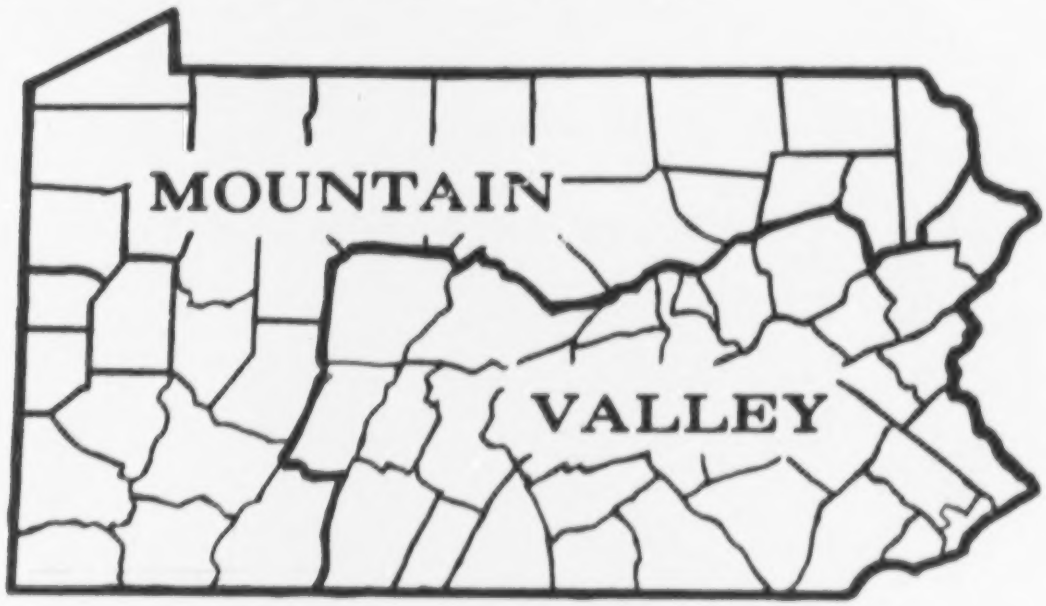
MACHINERY CUSTOM RATES

By Delores A. Barney

The custom rates shown are averages from voluntary reports by custom operators throughout Pennsylvania. Most of the rates are stated per acre, ton, bale, or bushel rather than per hour to reduce the variation due to machinery size. Individual rates vary due to differences in working conditions, services performed, or even the operator's eagerness to do custom work. Therefore, the average rates shown should not be considered absolute indications of fair charges.

Acreage rates are shown separately for two regions of the state, labeled "Mountain" and "Valley". The differences in rates between regions reflect differences in terrain, soils and alternative opportunities for the labor and equipment used. Figures labeled "The State" represent the straight average of all reports used regardless of geographic location.

Custom rates are mixed this year; however, the average is up less than one percent from last year. This percentage increase was computed by adding the rates for all jobs, regardless of basis of charge, and dividing by last year's comparable total.



CUSTOM RATES: SELECTED FARMING OPERATIONS, PENNSYLVANIA, 1986

Job	Basis Of Charge	Mountain Section	Valley Section	State
		Harvesting		
Corn Picking	Acre	$18.50	$17.50	$18.00
Corn Picking and Shelling	Acre	23.00	21.90	22.40
Corn Combining	Acre	23.00	22.50	22.80
Corn Drying (23 Percent)	Bu.	.26	.28	.27
Combining Small Grains	Acre	20.00	20.20	20.10
Hay Making:				
Mowing	Acre	6.30	6.40	6.35
Mowing and Conditioning	Acre	8.80	8.60	8.70
Raking	Acre	5.00	4.40	4.70
Pick-Up Baling:				
Twine	Bale	.27	.28	.28
Wire	Bale	.31	.31	.31
Cut, Rake, Bale, And Store	Bale	.69	.65	.67
Large Round Baler (Avg. = 1100 Lbs.)	Bale	6.80	6.10	6.40
Stacker-Wagon (Avg. = 1 Ton)	Stack	17.20	17.00	17.10
Silage Making:				
Pull-Type Chopper And Tractor	Hour	28.80	30.60	29.70
Self-Propelled Chopper	Hour	40.00	42.60	41.80
Blower	Hour	5.20	5.80	5.50
1 Man, 2 Wagons, 1 Tractor	Hour	23.50	26.10	24.80
2 Men, 2 Wagons, 2 Tractors	Hour	35.40	37.30	36.40

CUSTOM RATES: SELECTED FARMING OPERATIONS, PENNSYLVANIA, 1986 (Continued)

Job	Basis Of Charge	Mountain Section	Valley Section	State
Plowing & Cultivating				
Plowing, Moldboard Plow:				
Spring, Stubble	Acre	$10.00	$10.00	$10.00
Sod	Acre	11.30	11.30	11.30
Fall, Stubble	Acre	10.00	10.30	10.20
Sod	Acre	11.60	11.60	11.60
Plowing, Deep (10 Inches or More)	Acre	12.30	12.50	12.40
Plowing, Chisel	Acre	11.00	10.00	10.50
Plowing, Disk	Acre	9.90	9.80	9.85
Disking, Tandem	Acre	8.50	8.40	8.45
With Harrow or Cultipacker	Acre	9.50	9.50	9.50
Harrowing:				
Spike Tooth	Acre	5.70	6.10	5.90
Spring Tooth	Acre	6.50	6.70	6.60
Cultivating	Acre	7.00	6.90	6.95
Planting & Drilling				
Planting Corn With Fertilizer:				
Conventional-Till Planting	Acre	9.10	9.70	9.40
Reduced-Till Planting	Acre	10.50	11.10	10.80
No-Till	Acre	12.70	12.90	12.80
Planting Soybeans, Without Fertilizer:				
Conventional-Till	Acre	8.90	9.50	9.20
Reduced-Till	Acre	10.50	10.80	10.70
No-Till	Acre	12.60	12.80	12.70
Drilling Small Grain:				
Without Fertilizer	Acre	7.20	7.80	7.50
With Fertilizer	Acre	8.00	8.60	8.30
With Fertilizer and Cloverseed	Acre	8.90	9.30	9.10
Seeding Alfalfa, Clover, Etc	Acre	7.30	7.70	7.50
Broadcast Seeding (On Grain Fields)	Acre	5.10	5.00	5.05
Cleaning Grain Seed:				
With Treatment	Bu.	.58	.64	.61
Without Treatment	Bu.	.39	.43	.41
Spraying				
Ground Equipment:				
Spraying For Weed Control:				
Excluding Material	Acre	4.70	4.60	4.65
Spraying For Corn Borer:				
Including Cost of Material	Acre	9.50	9.30	9.40
Excluding Cost of Material	Acre	5.10	5.00	5.05
Spraying For Spittle Bug or Alfalfa Weevil:				
Including Cost of Material	Acre	6.80	7.00	6.90
Excluding Cost of Material	Acre	4.50	4.70	4.60
Aerial Application (Excluding Material):				
Fixed Wing	Acre	7.60	7.50	7.55
Helicopter	Acre	6.30	6.25	6.25
Miscellaneous				
Stalk Shredding, P.T.O.	Acre	7.00	7.30	7.15
Spreading Bulk Fertilizer:				
Dry	Acre	4.70	4.40	4.55
Liquid	Acre	4.50	4.60	4.55
Side Dressing	Acre	5.50	5.20	5.35
Grinding Feed:				
Corn, Oats, or Barley	Cwt.	.50	.46	.48
Corn and Cobs	Cwt.	.49	.47	.48
Cobs	Cwt.	.47	.49	.48
Additional Charge For Mixing	Cwt.	.20	.19	.19
Machine Tiling (No Tile)	Foot	.38	.40	.39
Back Hoe	Hour	29.00	27.80	28.40
Sawing Wood (Chain Saw)	Hour	8.90	9.10	9.00
Post Hole Digging	Hole	.67	.70	.69
Manure Loading	Hour	15.90	16.10	16.00
Manure Spreading	Hour	14.30	14.00	14.10
Bulldozing (Avg. H.P. 90)	Hour	39.40	40.00	39.70

PENNSYLVANIA: NUMBER OF FARMS AND LAND IN FARMS, 1960-1985 1/

Year	Number Of Farms	Land In Farms	
		Total Acres	Per Farm
	Thousand	Thousand	Acres
1960	106	12,300	116
1965	85	11,300	133
1970	74	10,200	138
1975 1/	66	9,600	145
1976 1/	65	9,300	143
1977 1/	62	9,100	147
1978 1/	60	9,000	150
1979 1/	61	9,000	148
1980 1/	62	9,000	145
1981 1/	61	8,900	146
1982 1/	60	8,800	147
1983 1/	59	8,700	147
1984 1/	58	8,700	150
1985 1/ 2/	58	8,700	150

1/ New Definition. 2/ Preliminary.

FARM REAL ESTATE VALUES: AVERAGE VALUE PER ACRE OF LAND AND BUILDINGS BY STATE, 1950-1986 1/

State	March 1, 1950	March 1, 1960	March 1, 1970	February 1, 1980	April 1, 1982	April 1, 1983	April 1, 1984	April 1, 1985	February 1, 1986
				Dollars					
Maine	54	84	161	594	680	708	750	856	993
New Hampshire	73	104	239	1,004	1,136	1,174	1,244	1,419	1,646
Vermont	56	81	224	721	815	842	893	1,017	1,180
Massachusetts	190	314	565	1,608	1,874	1,963	2,081	2,372	2,752
Rhode Island	232	379	734	2,523	2,729	2,760	2,926	3,335	3,869
Connecticut	248	446	921	2,387	2,610	2,655	2,814	3,208	3,721
New York	92	145	273	720	821	817	842	808	824
New Jersey	293	528	1,092	2,947	3,181	3,140	3,234	3,525	3,913
Pennsylvania	**107**	**188**	**373**	**1,464**	**1,513**	**1,520**	**1,642**	**1,510**	**1,450**
Delaware	114	243	499	1,798	1,787	1,829	1,866	1,642	1,757
Maryland	125	290	640	2,238	2,376	2,121	2,185	2,097	1,887
Michigan	99	194	326	1,111	1,278	1,223	1,223	1,052	936
Wisconsin	89	133	232	1,004	1,144	1,113	1,046	847	711
Minnesota	84	155	226	1,086	1,272	1,165	1,083	823	609
Ohio	136	248	399	1,730	1,629	1,504	1,444	1,126	1,013
Indiana	137	264	406	1,863	1,804	1,610	1,594	1,259	1,058
Illinois	174	316	490	2,041	2,023	1,837	1,860	1,314	1,143
Iowa	161	257	392	1,840	1,889	1,684	1,499	1,064	841
Missouri	64	115	224	902	945	856	856	659	606
North Dakota	29	53	94	405	455	439	439	360	317
South Dakota	31	51	84	292	349	348	338	250	215
Nebraska	56	89	154	635	730	701	617	444	364
Kansas	66	101	159	587	628	601	583	466	387
Virginia	82	140	286	1,028	1,096	1,125	1,114	1,091	1,146
West Virginia	59	75	136	669	723	688	667	554	537
North Carolina	99	186	333	1,219	1,297	1,314	1,380	1,242	1,130
Kentucky	81	137	253	976	1,058	1,049	1,007	906	870
Tennessee	77	132	268	976	1,040	1,014	1,044	982	992
South Carolina	69	137	261	900	980	946	927	699	672
Georgia	43	99	234	896	926	929	910	865	822
Florida	57	217	355	1,381	1,518	1,576	1,608	1,527	1,435
Alabama	49	91	200	780	885	826	809	769	761
Mississippi	55	107	234	819	981	894	939	835	752
Arkansas	60	113	260	918	1,096	972	933	849	705
Louisiana	82	173	321	1,256	1,414	1,351	1,351	1,256	1,065
Oklahoma	51	86	173	614	725	699	699	566	481
Texas	46	85	148	436	539	544	593	652	541
Montana	17	35	60	235	271	259	264	222	204
Idaho	70	112	177	698	839	814	814	749	644
Wyoming	13	22	41	161	193	193	197	177	154
Colorado	32	54	95	387	451	454	468	435	357
New Mexico	15	24	42	185	195	178	182	163	134
Arizona	15	48	70	267	302	289	295	265	231
Utah	43	60	92	530	589	560	571	514	478
Nevada	19	31	53	248	268	249	254	229	199
Washington	85	133	224	736	922	933	961	923	812
Oregon	60	88	150	587	705	705	698	579	521
California	154	360	479	1,424	1,900	1,918	1,918	1,726	1,571
48 States	65	117	196	737	823	788	782	679	596

1/ These values are based on land-value benchmarks obtained from the Census of Agriculture.

PENNSYLVANIA AND SELECTED STATES: AVERAGE VALUE PER ACRE OF LAND AND BUILDINGS, AVERAGE CASH RENT PER ACRE - 1986

State	Farmland 1/	Farms		Cropland		Pasture	
	Average Value Per Acre	Rent Per Acre	Ratio of Rent To Value	Rent Per Acre	Ratio of Rent To Value	Rent Per Acre	Ratio of Rent To Value
	Dollars	Dollars	Percent	Dollars	Percent	Dollars	Percent
PENNSYLVANIA							
1965	233	12.30	4.7	-	-	5.60	4.8
1970	373	12.90	3.8	15.30	3.7	8.30	3.5
1975	734	18.70	2.5	21.80	2.6	11.30	2.7
1977	994	25.70	2.7	27.80	2.6	12.50	2.1
1978	1,115	27.80	2.6	30.70	2.4	13.50	2.2
1979	1,273	29.40	2.3	32.60	2.2	14.10	1.8
1980	1,464	31.20	2.1	36.60	2.2	15.50	1.7
1981	1,568	35.30	2.4	37.50	2.3	14.90	1.7
1982	1,513	37.60	2.5	39.50	2.5	16.50	1.9
1983	1,520	39.30	2.8	38.80	2.5	17.50	2.1
1984	1,642	38.82	2.2	38.01	2.1	15.97	1.4
1985	1,510	35.83	2.3	42.98	2.5	19.67	2.2
1986	1,450	34.75	2.4	37.18	2.7	17.96	2.2
NORTHEAST							
Vermont	1,160	-	-	26.01	3.0	-	-
New York	824	-	-	30.81	5.1	-	-
New Jersey	3,913	44.63	1.1	45.96	0.9	-	-
Delaware	1,757	64.02	3.6	64.48	3.7	-	-
Maryland	1,887	52.46	3.2	54.46	3.3	-	-
LAKE STATES							
Michigan	936	43.87	5.5	47.73	5.8	-	-
Wisconsin	711	43.69	6.7	48.83	7.0	21.98	6.7
Minnesota	609	52.85	9.0	53.85	8.7	15.99	6.4
CORN BELT							
Ohio	1,013	65.88	6.5	70.32	6.5	24.87	4.9
Indiana	1,058	83.06	7.7	85.55	7.5	35.60	5.8
Illinois	1,143	100.07	7.8	99.92	7.7	31.91	6.2
Iowa	841	82.98	9.0	87.61	9.3	29.19	7.7
Missouri	606	42.08	8.2	54.42	9.0	22.05	6.2
NORTHERN PLAINS							
North Dakota	317	26.89	6.1	29.69	8.1	7.78	5.8
South Dakota	215	20.90	8.4	26.44	9.2	7.34	7.5
Nebraska	364	-	-	-	-	8.87	7.6
(Nonirrigated)	-	-	-	46.72	10.4	-	-
(Irrigated)	-	-	-	86.29	10.6	-	-
Kansas	387	-	-	-	-	13.22	5.9
(Nonirrigated)	-	-	-	30.34	8.0	-	-
(Irrigated)	-	-	-	58.40	9.8	-	-
APPALACHIAN							
Virginia	1,146	30.23	3.1	-	-	20.02	2.7
North Carolina	1,130	35.63	3.4	39.50	3.5	20.64	1.9
Kentucky	870	45.96	5.5	53.63	6.0	24.83	4.2
Tennessee	992	41.15	5.4	47.35	5.8	23.65	4.2
SOUTHEAST							
South Carolina	872	22.10	2.8	25.46	2.9	16.11	2.4
Georgia	822	25.43	3.9	27.84	3.2	19.38	3.2
Alabama	761	24.65	3.7	29.66	4.3	17.12	3.3
DELTA STATES							
Mississippi	752	28.48	4.5	34.95	5.1	14.02	2.7
Arkansas	705	39.68	5.8	48.21	6.5	17.64	3.4
SOUTHERN PLAINS							
Texas	541	-	-	-	-	7.78	1.0
(Nonirrigated)	-	-	-	20.22	2.2	-	-
(Irrigated)	-	-	-	39.64	5.1	-	-

1/ Average value per acre of land and buildings. 1980-1984 revised.

PENNSYLVANIA: ESTIMATED NUMBER OF FARMS, 1985 1/

County & District	All Farms	Cattle Farms	Commercial Dairy 2/	Hog Farms	Sheep Farms	Chicken Farms
Crawford	1,570	1,480	540	250	70	310
Erie	1,550	1,070	380	160	40	170
Forest	50	40	10	10	5	15
Mercer	1,460	1,280	360	300	110	325
Venango	530	480	60	130	30	115
Warren	510	460	160	90	25	105
NORTHWESTERN, TOTAL	**5,670**	**4,810**	**1,510**	**940**	**280**	**1,040**
Bradford	1,610	1,520	730	210	110	220
Cameron	30	25	5	10	-	15
Clinton	300	240	90	70	15	85
Elk	160	150	25	40	5	45
Lycoming	960	770	210	230	45	205
McKean	270	235	35	40	20	45
Potter	380	350	110	50	25	70
Sullivan	200	190	55	40	20	40
Tioga	1,000	940	420	90	90	140
NORTH CENTRAL, TOTAL	**4,910**	**4,420**	**1,680**	**780**	**330**	**865**
Lackawanna	370	280	80	40	15	50
Susquehanna	1,000	900	420	90	80	135
Wayne	830	760	330	80	45	135
Wyoming	400	360	150	50	20	55
NORTHEASTERN, TOTAL	**2,600**	**2,300**	**980**	**260**	**160**	**375**
Armstrong	840	720	110	170	65	170
Beaver	600	510	90	110	80	140
Butler	1,340	1,080	160	290	130	265
Clarion	610	570	130	160	35	135
Indiana	1,020	890	220	200	90	220
Jefferson	540	510	120	70	20	105
Lawrence	820	700	220	190	70	205
WEST CENTRAL, TOTAL	**5,770**	**4,980**	**1,050**	**1,190**	**490**	**1,240**
Blair	530	480	200	110	20	95
Cambria	630	530	55	180	20	145
Centre	860	720	310	190	80	170
Clearfield	490	430	80	120	15	125
Columbia	870	540	80	220	35	170
Dauphin	810	540	140	200	70	145
Huntingdon	660	640	210	140	40	150
Juniata	630	520	200	180	60	100
Mifflin	700	670	350	260	125	210
Montour	320	230	55	60	15	55
Northumberland	780	540	100	190	45	160
Perry	730	570	150	210	50	120
Snyder	760	620	200	250	55	190
Union	540	430	160	130	15	110
CENTRAL, TOTAL	**9,310**	**7,460**	**2,290**	**2,440**	**645**	**1,945**
Carbon	190	100	15	60	20	60
Lehigh	600	260	40	130	35	160
Luzerne	580	380	70	90	30	115
Monroe	220	130	10	60	25	55
Northampton	620	380	110	110	50	145
Pike	50	30	5	10	5	15
Schuylkill	740	420	70	190	35	180
EAST CENTRAL, TOTAL	**3,000**	**1,700**	**320**	**650**	**200**	**730**
Allegheny	500	270	25	70	55	110
Fayette	950	870	110	190	60	200
Greene	870	830	45	140	300	200
Somerset	1,180	1,110	410	270	80	260
Washington	1,680	1,460	220	220	290	295
Westmoreland	1,430	1,170	250	310	140	300
SOUTHWESTERN, TOTAL	**6,610**	**5,710**	**1,060**	**1,200**	**925**	**1,365**
Adams	1,250	820	130	290	100	230
Bedford	1,140	1,080	350	270	70	225
Cumberland	1,220	960	360	270	80	220
Franklin	1,570	1,410	600	390	105	295
Fulton	510	460	110	150	25	120
York	2,400	1,510	250	570	210	500
SOUTH CENTRAL, TOTAL	**8,090**	**6,240**	**1,800**	**1,940**	**590**	**1,590**
Berks	2,010	1,380	470	440	170	470
Bucks	1,030	440	95	180	135	195
Chester	1,900	1,090	410	200	145	265
Delaware	120	40	5	10	10	20
Lancaster	5,210	4,230	1,910	1,390	630	1,525
Lebanon	1,010	800	320	250	100	205
Montgomery	760	400	100	130	90	170
Philadelphia 3/	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**12,040**	**8,380**	**3,310**	**2,600**	**1,280**	**2,850**
PENNSYLVANIA	**58,000**	**46,000**	**14,000**	**12,000**	**4,900**	**12,000**

1/ All farms estimated as of June 1. Specie farms relate to the 1985 production year. Specie farms are not additive to all farms. 2/ Commercial dairy farms relate to farms with 10 or more milk cows. 3/ Farms included with Montgomery County to avoid disclosure of individual operations.

PENNSYLVANIA: FARM NUMBERS, LAND AND VALUE, 1982 CENSUS OF AGRICULTURE 1/

County & District	Number Of Farms	Land In Farms	Average Size Of Farm	Value Per Acre 2/	Harvested Cropland
		Acres		Dollars	Acres
Crawford	1,507	252,636	168	987	112,119
Erie	1,475	199,590	135	1,267	94,741
Forest	44	7,205	164	(D)	2,876
Mercer	1,401	177,869	127	1,012	85,502
Venango	512	66,585	130	990	24,426
Warren	494	82,093	166	660	26,051
NORTHWESTERN, TOTAL	**5,433**	**785,978**	**145**	-	**345,715**
Bradford	1,530	353,710	231	740	154,544
Cameron	27	(D)	(D)	800	(D)
Clinton	293	48,498	166	1,197	27,417
Elk	156	18,449	118	992	6,728
Lycoming	918	154,673	168	1,214	80,477
McKean	257	49,044	191	634	12,502
Potter	363	107,157	295	589	36,719
Sullivan	187	35,654	191	783	13,614
Tioga	957	239,846	251	701	102,124
NORTH CENTRAL, TOTAL	**4,688**	**1,007,031**	**215**	-	**434,125**
Lackawanna	357	47,718	134	1,164	21,184
Susquehanna	941	216,557	230	810	74,010
Wayne	791	154,108	195	874	52,810
Wyoming	386	77,606	201	839	30,493
NORTHEASTERN, TOTAL	**2,475**	**495,989**	**200**	-	**178,497**
Armstrong	800	126,191	158	1,105	56,136
Beaver	572	59,093	103	1,369	26,200
Butler	1,279	150,462	118	1,402	73,891
Clarion	584	100,648	172	872	41,442
Indiana	977	167,422	171	1,012	74,566
Jefferson	516	87,017	169	894	40,057
Lawrence	780	96,488	124	1,122	52,458
WEST CENTRAL, TOTAL	**5,508**	**787,321**	**143**	-	**364,750**
Blair	502	87,162	174	1,210	50,210
Cambria	602	86,209	143	992	40,660
Centre	824	159,013	193	1,395	84,493
Clearfield	467	67,257	144	1,061	29,338
Columbia	822	122,598	149	1,227	72,476
Dauphin	776	112,821	145	2,285	76,206
Huntingdon	636	138,795	218	998	60,368
Juniata	601	95,985	160	1,161	49,512
Mifflin	670	90,933	136	1,374	46,184
Montour	314	48,815	155	1,125	31,638
Northumberland	746	122,420	164	1,220	81,373
Perry	698	117,587	168	1,153	64,932
Snyder	731	94,495	129	1,289	55,454
Union	524	72,935	139	1,487	49,232
CENTRAL, TOTAL	**8,913**	**1,417,025**	**159**	-	**792,076**
Carbon	182	20,854	115	1,357	12,190
Lehigh	574	95,302	166	3,032	72,967
Luzerne	553	67,345	122	1,300	35,622
Monroe	207	29,597	143	1,853	15,140
Northampton	593	102,272	172	2,235	80,876
Pike	43	6,200	144	1,650	1,990
Schuylkill	712	99,296	139	1,238	61,696
EAST CENTRAL, TOTAL	**2,864**	**420,866**	**147**	-	**280,481**
Allegheny	484	35,837	74	2,243	12,734
Fayette	908	123,038	136	963	48,550
Greene	832	149,071	179	669	35,068
Somerset	1,127	231,753	206	955	106,772
Washington	1,616	221,841	137	1,303	79,243
Westmoreland	1,370	166,062	121	1,544	77,108
SOUTHWESTERN, TOTAL	**6,337**	**927,602**	**146**	-	**359,475**
Adams	1,199	196,644	164	1,677	125,218
Bedford	1,092	234,869	215	1,026	95,004
Cumberland	1,174	163,186	139	2,085	115,343
Franklin	1,508	249,400	165	1,602	166,533
Fulton	491	104,793	213	838	38,415
York	2,303	299,879	130	2,155	206,956
SOUTH CENTRAL, TOTAL	**7,767**	**1,248,771**	**161**	-	**747,469**
Berks	1,929	256,444	133	2,333	185,546
Bucks	991	112,067	113	3,127	81,650
Chester	1,825	219,980	121	3,998	140,651
Delaware	113	7,091	63	8,056	3,493
Lancaster	4,991	417,296	84	3,448	312,284
Lebanon	971	116,870	120	2,600	85,764
Montgomery	724	73,318	101	3,346	51,073
Philadelphia	6	(D)	(D)	(D)	(D)
SOUTHEASTERN, TOTAL	**11,550**	**1,203,066**	**104**	-	**860,461**
PENNSYLVANIA 2/	**55,535**	**8,297,713**	**149**	**1,520**	**4,363,789**

1/ County and district totals may not add to state total because of census disclosure rules. State total may differ from U.S. Department of Agriculture estimates because of incompleteness, duplication, definitional difference and sampling variability. 2/ Value of land and buildings included. (D) Data withheld to avoid disclosing information for individual farms.

PENNSYLVANIA: FERTILIZER CONSUMPTION, ACTUAL POUNDS OF NUTRIENTS, BY COUNTIES, 1984-1985 1/

County	Second Half of 1984			First Half of 1985		
	Nitrogen	Phosphate	Potash	Nitrogen	Phosphate	Potash
	Tons					
Adams	312.91	214.19	168.14	929.01	719.74	465.08
Allegheny	409.22	137.59	203.16	874.78	292.65	400.97
Armstrong	156.28	78.15	78.98	496.58	467.68	395.98
Beaver	42.65	39.66	43.42	154.54	186.96	154.18
Bedford	109.93	114.85	137.46	832.86	917.14	605.89
Berks	717.31	752.67	932.13	3,512.10	2,271.75	2,169.51
Blair	67.02	92.68	127.29	575.89	694.23	373.18
Bradford	372.33	326.52	179.33	1,122.65	927.54	581.17
Bucks	548.49	308.98	327.62	1,792.57	1,167.23	1,042.95
Butler	116.25	182.04	163.87	631.77	533.13	462.54
Cambria	172.01	98.03	102.71	599.28	597.04	543.21
Cameron	1.98	.30	.45	.04	-	-
Carbon	25.37	33.72	26.80	118.52	161.69	126.71
Centre	211.18	198.03	192.05	1,408.99	1,484.10	575.55
Chester	455.85	467.34	618.80	3,688.55	1,964.11	1,875.40
Clarion	214.58	227.17	233.31	453.46	403.57	384.67
Clearfield	82.76	81.33	82.45	205.97	244.42	223.76
Clinton	151.14	42.57	22.09	354.73	279.20	91.09
Columbia	103.52	110.51	91.51	625.40	827.33	667.20
Crawford	66.76	104.15	114.92	547.87	641.44	328.15
Cumberland	169.76	218.15	222.33	771.33	866.92	672.17
Dauphin	286.77	228.22	217.61	724.12	267.76	244.44
Delaware	45.65	10.18	26.34	96.64	36.27	37.12
Elk	2.95	5.33	6.11	15.94	23.82	20.20
Erie	703.65	278.35	178.95	1,173.68	1,312.49	631.34
Fayette	83.68	76.95	74.25	381.35	441.70	246.39
Forest	1.90	2.96	3.68	34.34	38.56	37.24
Franklin	406.87	482.39	473.03	1,386.57	1,094.21	688.73
Fulton	21.43	38.55	45.16	246.07	258.40	217.08
Greene	32.59	26.39	20.06	57.19	44.19	43.35
Huntingdon	57.71	101.47	144.35	445.77	480.23	255.45
Indiana	237.97	103.59	114.96	464.88	505.88	412.19
Jefferson	203.48	203.45	179.73	326.41	398.48	371.58
Juniata	46.56	81.37	49.40	179.08	242.35	182.14
Lackawanna	35.43	18.61	19.23	106.68	105.43	78.42
Lancaster	2,694.54	1,784.42	1,854.62	7,527.71	4,421.63	4,340.35
Lawrence	150.77	56.73	63.68	181.28	248.38	223.04
Lebanon	180.95	328.32	338.01	1,358.16	876.28	781.20
Lehigh	422.08	305.17	253.31	1,328.02	863.13	581.44
Luzerne	77.18	88.93	90.26	410.66	377.72	332.02
Lycoming	323.18	210.21	159.95	952.80	545.64	362.16
McKean	1.80	.81	.61	27.84	32.38	32.09
Mercer	180.80	206.64	173.67	205.49	292.49	173.62
Mifflin	197.04	202.08	450.97	1,688.33	1,443.45	480.60
Monroe	15.21	7.33	11.02	51.11	58.59	40.59
Montgomery	377.91	220.51	274.70	908.41	563.13	573.33
Montour	30.12	30.52	33.79	149.93	136.83	114.74
Northampton	170.04	239.48	200.24	1,596.66	1,257.65	632.22
Northumberland	199.07	256.89	209.36	364.57	494.32	417.08
Perry	180.07	111.99	119.59	443.59	422.05	235.53
Philadelphia	43.98	13.81	20.72	60.73	3.81	9.75
Pike	2.12	.55	.67	8.75	6.15	4.86
Potter	19.86	2.92	4.60	226.27	240.16	231.82
Schuylkill	278.84	177.70	165.17	1,104.50	641.71	568.82
Snyder	232.89	129.59	96.16	887.81	693.45	522.04
Somerset	307.24	294.64	169.59	970.32	1,148.74	737.23
Sullivan	1.58	.63	.48	24.07	33.98	30.65
Susquehanna	7.23	7.25	7.23	234.36	81.41	67.44
Tioga	168.08	176.87	68.01	488.71	532.02	274.59
Union	284.82	198.99	95.91	933.97	889.85	434.89
Venango	22.67	28.68	30.15	46.46	53.63	52.76
Warren	5.49	6.24	5.66	65.63	105.93	96.03
Washington	74.52	66.84	73.17	310.24	398.73	358.47
Wayne	17.17	13.57	17.22	349.98	315.65	290.20
Westmoreland	424.85	158.54	174.46	362.88	256.84	224.42
Wyoming	98.38	41.01	48.03	342.93	412.22	364.66
York	859.09	683.10	692.06	3,810.21	2,737.28	2,050.14
PENNSYLVANIA	**14,723.51**	**11,543.40**	**11,524.75**	**52,757.91**	**41,482.87**	**31,243.81**

1/ Source: Bureau of Plant Industry, Pennsylvania Department of Agriculture. State totals may include quantities not allocated to counties.

UNITED STATES: CIVILIAN PER CAPITA CONSUMPTION OF MAJOR FOOD COMMODITIES, 1960-1984 1/

Commodity	1960	1970	1980	1982	1983	1984 2/
			Pounds			
Meats	134.1	151.4	147.7	139.3	144.1	143.7
Beef	64.3	84.1	76.5	77.2	78.7	78.6
Veal	5.2	2.4	1.5	1.6	1.7	1.8
Lamb & Mutton	4.3	2.9	1.4	1.5	1.5	1.5
Pork	60.3	62.0	68.3	59.0	62.2	61.7
Fish (Edible Weight)	10.3	11.8	12.8	12.3	13.1	13.6
Poultry Products:						
Eggs	42.4	39.5	34.6	33.4	33.1	33.0
Chicken (Ready-To-Cook)	27.8	40.5	50.1	53.1	53.9	55.7
Turkey (Ready-To-Cook)	6.2	8.0	10.5	10.8	11.2	11.4
Dairy Products:						
Cheese (Excluding Cottage)	8.3	11.5	17.6	20.1	20.6	21.7
Condensed & Evaporated Milk	13.7	7.1	3.8	4.1	3.9	3.8
Fluid Milk & Cream (Product Weight)	321.0	296.0	249.5	241.7	245.1	244.6
Ice Cream (Product Weight)	18.3	17.7	17.3	17.5	17.9	18.0
Fats & Oils - Total Fat Content	45.3	53.0	57.0	58.4	59.6	58.6
Butter (Actual Weight)	7.5	5.3	4.5	4.6	5.1	5.0
Margarine (Actual Weight)	9.4	11.0	11.3	11.1	10.4	10.4
Lard	7.6	4.7	2.4	2.5	1.5	2.1
Shortening	12.6	17.3	18.2	18.7	18.5	21.3
Other Edible Fats & Oils	11.5	18.2	22.7	23.2	24.8	21.2
Fruits:						
Fresh	90.0	79.4	86.7	83.9	87.5	86.6
Citrus	32.5	28.0	28.1	23.9	27.7	23.0
Noncitrus	57.5	51.4	58.6	60.0	61.5	63.6
Processed:						
Canned Fruit	22.6	23.3	17.4	12.9 7/	12.9 7/	8.9 7/
Canned Juice	13.0	14.5	16.7	13.7	16.2	N/A
Frozen (Including Juices)	9.2	9.3	13.0	14.1	15.1	13.5
Chilled Citrus Juices	2.1	4.7	5.9	3.5	4.1	3.7
Dried	3.1	2.7	2.4	2.9	2.9	N/A
Vegetables:						
Fresh 3/	96.0	91.0	99.0	71.2 7/	71.0 7/	75.4 7/
Canned	45.7	52.9	48.5	45.6	47.1	N/A
Frozen (Excluding Potatoes)	6.9	9.6	10.4	10.7	11.1	12.0
Potatoes 4/	87.9	74.9	70.8	66.2	70.6	N/A
Sweetpotatoes 4/	6.4	5.1	3.8	4.4	4.5	N/A
Grains:						
Wheat Flour 5/	118.0	111.0	116.9	119.6	116.1	117.8
Rice	6.1	6.7	9.4	11.8	9.8	8.6
Other:						
Coffee	11.6	10.4	7.7	7.5	7.6	7.7
Cocoa	2.9	3.1	2.6	3.0	3.3	3.6
Peanuts (Shelled)	4.9	5.9	5.5	6.7	6.7	6.9
Dry Edible Beans	7.3	5.9	4.6	6.0	6.2	N/A
Sugar (Refined)	97.4	101.8	83.7	73.7	71.0	67.5
Corn Sweeteners 6/	10.2	18.4	52.7	63.8	69.4	77.3

1/ Quantity in pounds. Retail weight unless otherwise shown. Data on calendar year basis except for dried fruits, fresh citrus fruits, peanuts and rice which are on a crop year basis. 2/ Preliminary. 3/ Commercial production for sale as fresh produce. 4/ Including fresh equivalent of processed. 5/ White, whole wheat and semolina flour including use in bakery products. 6/ Fructose and Glucose. 7/ Not comparable to previous years due to commodity estimating cutbacks. N/A Not Available.

PENNSYLVANIA: ESTIMATED TOTAL POPULATION, JULY 1, 1960-1985 1/

Year	Total Population	Year	Total Population
	Thousands		Thousands
1960	11,329	1981	11,871
1965	11,620	1982	11,886
1970	11,813	1983	11,889
1975	11,860	1984	11,887
1980	11,864	1985 2/	11,853

1/ U.S. Department of Commerce, Bureau of Census, Current Population Reports. 2/ Preliminary.

CROP AND LIVESTOCK DATA FOR _____ COUNTY*
(Name)

Page No.	Commodity	Year or Date	Number		Production				Value
			Unit	Total	Unit	Per acre or Head	Total	County Rank 1/	Dollars
28	Wheat	1985	Acres		Bu.				
30	Oats	1985	Acres		Bu.				
29	Barley	1985	Acres		Bu.				
24	Corn for Grain	1985	Acres		Bu.				
25	Corn, Silage	1985	Acres		Tons				
27	Hay, All	1985	Acres		Tons				
26	Alfalfa	1985	Acres		Tons				XXXX
26	Other	1985	Acres		Tons				XXXX
31	Soybeans	1985	Acres		Bu.				
33	Potatoes	1985	Acres		Cwt.				
34	Tobacco	1985	Acres		Lbs.				
44	Apples	1985			Lbs.				
44	Peaches	1985			Lbs.				
	SUMMARY								
35	Field & Forage	1985	Acres						
35	Vegetables & Potatoes	1985	Acres						
35	Fruit	1985							
35	Total-Crops	1985							
					Milk				
3	Milk Cows & Production	1985	Cows		Lbs.				
15	Layers & Egg Production	1985	Layers		Eggs				
17	Broilers Produced	1985	Broilers		Lbs.				
	INVENTORIES								
14	All Chickens On Hand	12-1-85	Head						
9	Hogs & Pigs On Hand	12-1-85	Head						
9	Cattle & Calves On Hand	1-1-86	Head						
9	Sheep & Lambs On Hand	1-1-86	Head						
	CASH RECEIPTS								
55	Field Crops	1984							
55	Vegetables & Potatoes	1984							
55	Fruit	1984							
55	Hort. & Specialties	1984							
55	Total-Crops	1984							
56	Meat & Misc. Products	1984							
56	Dairy Products	1984							
56	Poultry Products	1984							
56	Total-Livestock	1984							
56	Government Payments	1984							
56	Total-Cash Receipts	1984							

1/ Ranking of top 10 counties shown on pages 59 and 60

* Source: Pennsylvania Agricultural Statistics Service

REPORTS AVAILABLE

The following reports are available from the Pennsylvania Agricultural Statistics Service. They are available at no charge to Pennsylvania farmers upon request. Others wishing to receive these reports must complete the "Order Form" on the next page. Questions should be directed to the Pennsylvania Agricultural Statistics Service; address and telephone number are shown on the front cover of this bulletin.

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CROP & LIVESTOCK ANNUAL SUMMARY —
Issued in late summer. Contains county data for major agricultural items.

KEYSTONE AG DIGEST —
Issued bi-monthly. Contains information relating to livestock, dairy, poultry, crops, prices, stocks, farm numbers, etc.

SPECIAL DAIRY REPORT —
Issued quarterly. Information relates to milk production and cost of producing milk.

BROILERS —
Issued weekly. Summary of broiler eggs set, chicks hatched and broilers placed for 12 states.

ANNUAL MANUFACTURED DAIRY —
Issued in June. Summary of dairy products manufactured in Pennsylvania for the previous year.

MACHINERY CUSTOM RATES —
Issued in May. Shows charges by custom operators for various farming activities for the current year.

MUSHROOM REPORT —
Issued in August. Summary of production for the previous marketing year and intentions for the next year.

WEEKLY CROP AND WEATHER ROUND-UP —
Issued weekly May-October. Covers current weather conditions, crop planting progress, crop development and harvesting progress.

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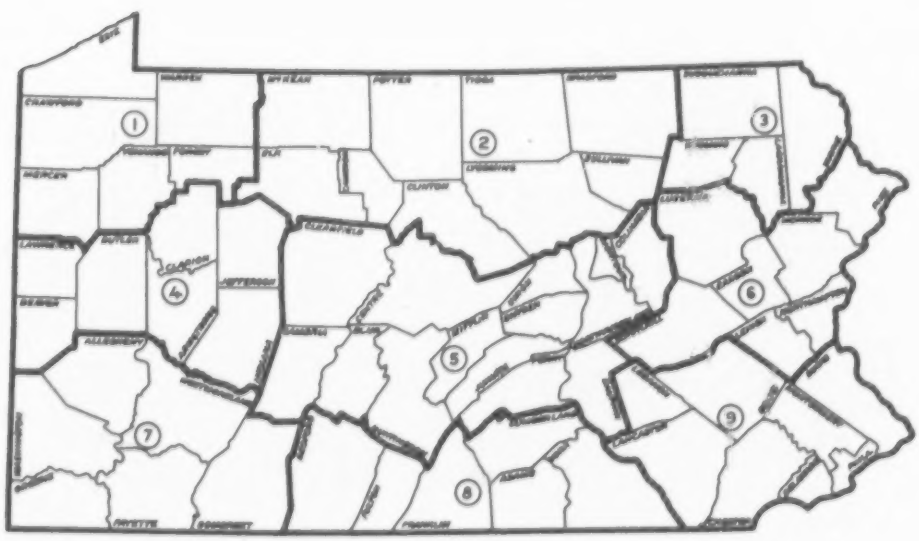

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1986 CROP and LIVESTOCK Annual Summary

Pennsylvania Agricultural Statistics Service
2301 North Cameron Street
Harrisburg, PA 17110-9408
Phone: 717-787-3904

AN IMPRESSIVE ARRAY

In spite of a lifelong association with Pennsylvania agriculture, I am continually impressed by the volume, variety and quality of commodities produced in the Commonwealth. Scarcely a day goes by in my duties as Secretary of Agriculture that I fail to encounter some new fact or enlightening piece of information concerning the Keystone State's leading role in production or processing of wholesome foods. My initial reaction, "I didn't know that," is followed by a renewed realization that nothing short of a volume such as this could reflect the diversity and depth of Pennsylvania agriculture.

Our production virtually covers the spectrum from A to Z — while we may be short on artichokes and avocados, we supply an abundance of alfalfa, barley, beans and beef, as well as a long list of other commodities that span the alphabet all the way to zinnias for ourselves and for other markets. Our farmers and agribusinesses, blessed by favorable soil and climate and endowed with superior know how, make the most of our location and convenient access to consumers.

One of my major goals as Secretary is to expand the promotion and marketing of Pennsylvania products at home and abroad. The ways and means of accomplishing this must be based on statistical reference points enabling us to determine where and how we can improve our performance and monitor our progress. This annual summary compiled by the Pennsylvania Agricultural Statistics Service furnishes many vital reference points.

My personal thanks go to thousands of Pennsylvania farmers and agribusiness people who provided the data for this report. Their voluntary cooperation through the mail, by telephone and personal interview enable the staff of our cooperative state-federal Agricultural Statistics Service to furnish the basic crop and livestock statistics we all need.

Please don't hesitate to contact us for additional information or to offer any comments and suggestions you might have for changes in this annual summary.

Sincerely,

BOYD E. WOLFF
Secretary of Agriculture

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DAIRY SUMMARY - 1986

BY GLENN A. STRASBURG

MILK PRODUCTION REACHES A NEW RECORD HIGH: Pennsylvania's milk production for 1986 was 10.15 billion pounds, 2 percent above the previous record high of 1985. Monthly record highs were produced in January, and each month March through August. Milk production per cow set a new record high average of 13,831 pounds for the year, 340 pounds more than 1985's record of 13,491 pounds per cow.

The number of milk cows in the Commonwealth averaged 734,000 head in 1986, 6,000 less than in 1985. The Dairy Termination Program began in April 1986. Cow numbers dropped 8,000 from March to April but then leveled off the rest of the year.

Pennsylvania still ranks fifth in the nation in milk production, producing 7 percent of the nation's milk. Wisconsin is first, with 17 percent of the U.S. production, followed by California, New York, and Minnesota, respectively. During 1985, dairy farmers in Pennsylvania produced more milk than Minnesota dairy farmers during the months of September through November (Minnesota ranks fourth in the nation for milk production). During 1986, Pennsylvania out-produced Minnesota during the months of August through December.

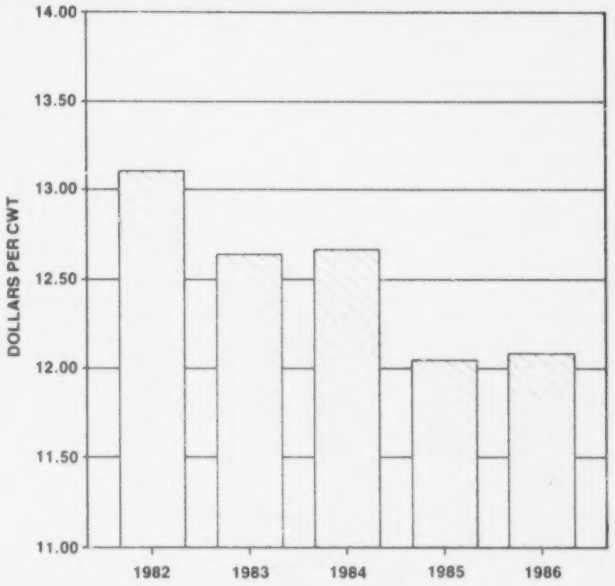
The number of commercial dairy farms (10 or more milk cows) is estimated at 14,000, unchanged from 1985. Commercial dairy farms are estimated on the basis of having been in operation during the year.

MILK DISPOSITION AND INCOME: Cash receipts from marketings of Pennsylvania milk during 1986 totaled 1.32 billion dollars, up less than 1 percent from 1985. Marketings totaled 10.0 billion pounds in 1986, up 2 percent from marketings in 1985. Returns from both wholesale and retail sales in 1986 averaged $13.13 per hundred pounds of milk as compared with $13.31 per hundred pounds in 1985.

An estimated 122 million pounds of milk were used on farms where produced, 6 percent less than a year earlier. Calves in the Commonwealth were fed 81 millions pounds of milk while 41 million pounds were used by producers' households as fluid milk, cream and butter.

PRODUCTION COSTS: Costs of producing milk in Pennsylvania averaged $12.08 per hundred pounds of milk during 1986 compared with $12.05 during 1985. The estimated cost of producing milk does not include any returns (costs) for management or equity capital or changes in inventory values of capital items but does include a return to operator and family labor.

PENNSYLVANIA: COST OF PRODUCING MILK
ONE YEAR AVE. ENDING DEC. 31



PENNSYLVANIA: COST OF PRODUCING MILK, SELECTED ITEMS AND TOTAL, BY MONTHS, 1986

Month	Purchased Feed	Fertilizer & Lime	Fuels & Lubricants	Dairy Animals Purchased	Hauling	Interest	Depreciation	Value Family Labor	Hired Labor	Other	Total
	Dollars Per Cwt. Of Milk Shipped										
January	1.975	.286	.327	.051	.412	.842	1.701	1.689	.644	3.150	11.06
February	1.916	.163	.283	.109	.434	.862	1.739	1.745	.591	3.310	11.15
March	2.032	.429	.365	.109	.443	.862	1.739	1.982	.733	3.310	12.00
April	2.001	1.209	.427	.155	.430	.997	1.707	1.796	.655	3.317	12.69
May	1.892	2.173	.504	.110	.476	.979	1.677	1.878	.701	3.280	13.67
June	1.841	1.184	.395	.110	.450	.981	1.679	1.694	.740	3.317	12.39
July	1.955	.521	.366	.139	.418	.963	1.650	1.993	.826	3.244	12.07
August	1.910	.216	.376	.182	.425	.982	1.682	1.801	.673	3.303	11.55
September	1.945	.279	.387	.182	.426	.981	1.680	1.838	.661	3.233	11.61
October	2.333	.264	.420	.167	.436	.991	1.697	1.944	.732	3.436	12.44
November	2.310	.330	.369	.164	.433	.982	1.681	1.944	.726	3.284	12.22
December	2.167	.420	.316	.164	.428	.982	1.681	1.932	.691	3.317	12.10
Average	2.023	.625	.378	.137	.434	.950	1.692	1.853	.698	3.292	12.08
% of Total	16.7	5.2	3.1	1.1	3.6	7.9	14.0	15.3	5.8	27.2	100.0

PENNSYLVANIA: MILK COWS, MILK PRODUCTION AND MILK PRICE, BY MONTHS, 1960-1986

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Milk Cows on Farm 1/ (Thous. Head)													
1960.....	880	880	881	882	884	884	885	885	886	887	888	888	884
1965.....	823	820	817	814	811	808	805	802	799	796	793	790	806
1970.....	712	710	708	707	706	705	704	703	702	701	700	698	705
1975.....	688	695	700	705	703	700	697	703	701	699	698	704	699
1980.....	712	713	710	705	705	705	707	712	714	718	718	718	711
1981.....	718	718	717	715	715	715	718	723	725	727	728	730	721
1982.....	734	730	729	727	722	721	725	730	733	736	735	737	730
1983.....	738	737	737	734	733	731	727	731	735	737	744	740	735
1984.....	737	729	720	718	718	720	727	731	737	738	735	735	729
1985.....	735	735	735	738	738	736	740	743	745	746	745	747	740
1986.....	741	739	738	730	730	732	732	734	734	735	735	730	734
Milk Production Per Cow (Lbs.)													
1960.....	630	595	695	695	785	705	630	630	610	614	590	600	7,780
1965.....	730	675	795	795	870	795	725	715	700	715	690	726	8,940
1970.....	825	765	875	880	940	885	850	830	825	840	775	820	10,105
1975.....	825	775	875	885	955	910	855	845	825	825	795	835	10,215
1980.....	965	960	995	985	1,065	1,030	1,000	985	980	990	990	1,000	11,949
1981.....	1,015	970	1,055	1,050	1,130	1,080	1,050	1,030	1,020	1,030	1,000	1,010	12,434
1982.....	1,030	995	1,075	1,060	1,155	1,100	1,070	1,055	1,040	1,050	1,025	1,040	12,690
1983.....	1,060	1,020	1,075	1,055	1,155	1,125	1,105	1,090	1,070	1,070	1,055	1,055	12,939
1984.....	1,075	1,085	1,085	1,070	1,170	1,130	1,100	1,070	1,045	1,050	1,025	1,030	12,926
1985.....	1,060	1,030	1,090	1,075	1,210	1,175	1,160	1,140	1,110	1,150	1,130	1,155	13,491
1986.....	1,155	1,070	1,140	1,140	1,250	1,200	1,185	1,160	1,120	1,140	1,120	1,150	13,631
Total Milk Production (Mil. Lbs.)													
1960.....	554	524	612	613	694	623	558	558	540	545	524	533	6,878
1965.....	601	554	650	647	706	642	584	573	559	569	547	574	7,206
1970.....	587	543	620	622	664	624	598	583	579	589	543	572	7,124
1975.....	568	539	613	624	671	637	596	594	578	577	555	588	7,140
1980.....	687	684	706	694	751	726	707	701	700	711	711	718	8,496
1981.....	729	696	756	751	808	772	754	745	740	749	728	737	8,965
1982.....	756	726	784	771	834	793	776	770	762	773	753	766	9.264
1983.....	782	752	792	774	847	822	803	797	786	789	785	781	9,510
1984.....	792	791	781	768	840	814	800	782	770	775	753	757	9,423
1985.....	779	757	801	793	893	865	858	847	827	858	842	863	9,983
1986.....	856	791	841	832	913	876	867	851	822	838	823	840	10,152
Wholesale Milk Price (Dollars Per Cwt.)													
1960.....	5.00	4.90	4.75	4.45	4.20	4.25	4.50	4.70	4.95	5.10	5.20	5.15	4.74
1965.....	4.96	4.87	4.75	4.53	4.31	4.31	4.62	4.75	5.01	5.11	5.23	5.14	4.79
1970.....	6.44	6.39	6.31	6.37	6.19	6.15	6.24	6.31	6.47	6.65	6.73	6.77	6.42
1975.....	8.87	8.85	8.65	8.60	8.49	8.43	8.63	9.33	9.80	10.20	10.50	10.80	9.25
1980.....	13.40	13.40	13.30	13.20	13.10	13.00	13.10	13.40	13.80	14.30	14.50	14.80	13.60
1981.....	14.50	14.40	14.30	14.10	14.10	14.00	14.00	13.90	14.10	14.50	14.40	14.50	14.20
1982.....	14.30	14.20	14.10	13.90	13.60	13.70	13.60	13.70	14.00	14.30	14.30	14.40	14.00
1983.....	14.30	14.20	14.10	14.10	13.70	13.50	13.70	13.80	13.90	14.40	14.50	14.20	14.00
1984.....	14.20	13.90	13.90	13.70	13.30	13.30	13.40	13.60	14.10	14.40	14.70	14.30	13.90
1985.....	14.30	14.00	13.70	13.30	12.90	12.50	12.50	12.50	12.50	12.90	12.90	12.90	13.10
1986.....	13.00	12.90	12.60	12.40	12.30	12.20	12.40	12.60	13.10	13.50	13.80	14.00	12.90

PENNSYLVANIA: MILK USED AND MARKETED BY FARMERS, 1960-1986

Year	Production of Milk & Milkfat 2/			Milk Used on Farms Where Produced			Milk Marketed by Farmers			
							Sold to Plants & Dealers		Sold Directly to Consumers 4/	
	Milk	Milkfat	Butterfat %	Fed to Calves	Used for Milk, Cream and Butter	Total	As Whole Milk	As Separated Cream 3/		Total
	Million Pounds									
1960.....	6,878	258	3.75	95	258	353	6,310	60	155	6,525
1965.....	7,206	269	3.73	70	161	231	6,760	35	180	6,975
1970.....	7,124	266	3.73	54	126	180	6,725	18	201	6,944
1975.....	7,140	265	3.71	41	90	131	6,705	15	289	7,009
1980.....	8,496	315	3.71	60	42	102	7,930	-	464	8,394
1981.....	8,965	329	3.67	70	45	115	8,365	-	485	8,850
1982.....	9,264	337	3.64	74	46	120	8,755	-	389	9,144
1983.....	9,510	348	3.66	86	57	143	9,015	-	352	9,367
1984.....	9,423	347	3.68	104	47	151	8,995	-	277	9,272
1985.....	9,963	365	3.66	80	50	130	9,555	-	298	9,853
1986.....	10,152	373	3.67	81	41	122	9,730	-	300	10,030

1/ Average number in milking herds. 2/ Excludes milk sucked by calves. 3/ Total milk separated on farms for cream sales to plants and dealers. 4/ Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.

PENNSYLVANIA: AVERAGE NUMBER OF MILK COWS, PRODUCTION AND VALUE OF PRODUCTION - 1986

County & District	Average Number of Milk Cows	Production 1/		Value of Production 2/
		Per Cow	Total	
	Number	Pounds	Thousand Pounds	Thousand Dollars
Crawford	24,000	12,700	304,800	40,009
Erie	17,600	13,000	228,800	30,033
Forest	400	11,600	4,640	609
Mercer	11,300	13,700	154,810	20,321
Venango	2,300	11,700	26,910	3,532
Warren	5,400	13,100	70,740	9,286
NORTHWESTERN, TOTAL	**61,000**	**12,962**	**790,700**	**103,790**
Bradford	43,600	13,300	579,880	76,117
Cameron	200	11,000	2,200	289
Clinton	4,200	12,400	52,080	6,836
Elk	600	12,300	7,380	969
Lycoming	8,500	12,700	107,950	14,170
McKean	1,700	13,400	22,780	2,990
Potter	7,000	14,600	102,200	13,415
Sullivan	2,200	13,200	29,040	3,812
Tioga	24,000	13,000	312,000	40,954
NORTH CENTRAL, TOTAL	**92,000**	**13,212**	**1,215,510**	**159,552**
Lackawanna	3,500	12,500	43,750	5,743
Susquehanna	22,800	13,200	300,960	39,505
Wayne	17,300	12,700	219,710	28,840
Wyoming	7,400	13,600	100,640	13,210
NORTHEASTERN, TOTAL	**51,000**	**13,040**	**665,060**	**87,298**
Armstrong	5,000	13,100	65,500	8,598
Beaver	3,800	12,100	45,980	6,035
Butler	6,500	12,800	83,200	10,921
Clarion	5,500	12,800	70,400	9,241
Indiana	7,900	13,100	103,490	13,584
Jefferson	4,200	12,200	51,240	6,726
Lawrence	7,100	12,800	90,880	11,929
WEST CENTRAL, TOTAL	**40,000**	**12,767**	**510,690**	**67,034**
Blair	14,400	14,000	201,600	26,463
Cambria	2,500	14,200	35,500	4,660
Centre	11,900	15,000	178,500	23,430
Clearfield	2,800	13,400	37,520	4,925
Columbia	3,600	13,500	48,600	6,379
Dauphin	8,000	14,400	115,200	15,121
Huntingdon	12,000	12,900	154,800	20,319
Juniata	9,400	14,000	131,600	17,274
Mifflin	14,200	14,700	208,740	27,400
Montour	2,000	13,900	27,800	3,649
Northumberland	4,100	14,800	60,680	7,965
Perry	8,300	15,700	130,310	17,105
Snyder	7,300	12,800	93,440	12,265
Union	6,500	14,200	92,300	12,116
CENTRAL, TOTAL	**107,000**	**14,174**	**1,516,590**	**199,071**
Carbon	400	12,000	4,800	630
Lehigh	1,700	13,600	23,120	3,035
Luzerne	2,600	11,700	30,420	3,993
Monroe	500	12,400	6,200	814
Northampton	7,100	13,200	93,720	12,302
Pike	100	13,500	1,350	177
Schuylkill	2,600	13,900	36,140	4,744
EAST CENTRAL, TOTAL	**15,000**	**13,050**	**195,750**	**25,695**
Allegheny	1,000	12,000	12,000	1,575
Fayette	4,300	13,100	56,330	7,394
Greene	1,800	11,500	20,700	2,717
Somerset	17,600	13,700	241,120	31,650
Washington	10,200	12,400	126,480	16,602
Westmoreland	10,100	13,100	132,310	17,367
SOUTHWESTERN, TOTAL	**45,000**	**13,088**	**588,940**	**77,305**
Adams	8,800	14,900	131,120	17,211
Bedford	18,900	12,400	234,360	30,763
Cumberland	23,900	14,800	353,720	46,430
Franklin	41,400	15,200	629,280	82,601
Fulton	5,600	13,300	74,480	9,776
York	16,400	14,000	229,600	30,138
SOUTH CENTRAL, TOTAL	**115,000**	**14,370**	**1,652,560**	**216,919**
Berks	27,000	14,400	388,800	51,035
Bucks	6,800	14,000	95,200	12,496
Chester	28,600	14,600	417,560	54,810
Delaware	400	14,400	5,760	756
Lancaster	114,000	14,600	1,664,400	218,474
Lebanon	25,200	14,400	362,880	47,633
Montgomery	6,000	13,600	81,600	10,711
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**208,000**	**14,501**	**3,016,200**	**395,915**
PENNSYLVANIA	**734,000**	**13,831**	**10,152,000**	**1,332,579**

1/ Excludes milk sucked by calves. 2/ Valued at average returns per 100 pounds of milk combined marketings of milk and cream. Includes value of milk fed to calves.

MANUFACTURED DAIRY PRODUCTS - 1986

BY GLENN A. STRASBURG

MILK USED IN MANUFACTURED DAIRY PRODUCTS UP 8 PERCENT: During 1986, a total of 4.69 billion pounds of milk (on a whole milk basis) was used in manufacturing dairy products in Pennsylvania. Butter used 33 percent of this total, frozen products used 29 percent and cheese and other manufactured products used 38 percent.

PENNSYLVANIA ICE CREAM PRODUCTION UP FIVE PERCENT: Pennsylvania plants manufactured 88.4 million gallons of ice cream during 1986, maintaining the state's second place national ranking in total ice cream production. California was the leading ice cream producing state with a total production of 106.6 million gallons. Ice milk production totaled 16.1 million gallons, up 7 percent from 1985. Milk sherbet production at 3.5 million gallons was down 11 percent from the previous year.

CHEESE PRODUCTION INCREASES 3 PERCENT: Production of cheese, excluding cottage cheese, totaled 227.9 million pounds in 1986. Mozzarella production at 130.6 million pounds was up 9 percent from 1985 while production of other types of Italian cheeses at 36.7 million pounds was up 14 percent. Swiss cheese production in 1986 was 8.3 million pounds, up 1 percent from the previous year.

BUTTER PRODUCTION INCREASES 6 PERCENT: Dairy plants in Pennsylvania produced 68.2 million pounds of butter during 1986. Creamed cottage cheese production at 34.0 million pounds was down 4 percent and curd cottage cheese production at 38.8 million pounds was also down 4 percent from the previous year.

COMMODITY CREDIT CORPORATION (CCC) PURCHASES UNDER THE DAIRY PRICE SUPPORT PROGRAM: During the marketing year 1985-1986, the Commodity Credit Corporation purchased from Pennsylvania dairy plants 7.3 million pounds of butter, 10.3 million pounds of cheese, and 35.9 million pounds of nonfat dry milk. As a percent of total CCC purchases in the United States, purchases of butter from Pennsylvania plants was 2.2 percent, cheese was 1.9 percent, and nonfat dry milk was 3.8 percent.

PENNSYLVANIA: SPECIFIED DAIRY PRODUCTS MANUFACTURED, 1986 1/

Product	Plants	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	Number	Thousand Pounds												
Butter	10	7,339	6,361	6,913	8,015	7,979	6,359	4,388	3,210	3,655	3,689	4,078	6,229	68,215
Cheese, Total	24	20,312	16,596	19,682	21,626	21,110	20,023	19,086	18,427	17,113	17,096	17,219	19,608	227,898
Italian, All	13	15,834	11,690	14,503	16,194	15,253	13,872	13,784	13,640	13,055	12,032	12,667	14,788	167,312
Mozzarella & Similars	12	12,891	9,379	11,120	13,260	11,947	10,781	10,897	10,258	9,863	9,245	9,722	11,237	130,600
Swiss	7	686	656	757	784	901	799	772	679	604	556	481	602	8,277
Cottage Cheese:														
Curd	12	3,019	3,362	3,394	3,196	3,511	3,319	3,368	3,462	3,291	3,346	3,191	2,336	38,795
Creamed	12	2,687	2,873	2,933	2,758	3,216	2,889	2,989	3,088	2,823	2,876	2,770	2,114	34,016
Condensed Bulk Products:														
Skim, Unsweetened	4	3,438	2,807	3,506	4,096	3,938	4,303	5,333	5,028	4,364	4,386	4,054	3,732	48,985
		Thousand Gallons												
Ice Cream, Total	-	6,073	6,072	6,663	6,975	8,225	8,944	9,101	9,340	7,926	7,259	6,162	5,673	88,413
Ice Milk, Total	-	859	744	1,363	1,337	1,702	1,806	1,775	1,509	1,496	1,534	950	1,042	16,117
Soft	-	566	519	1,002	1,025	1,308	1,379	1,391	1,190	1,049	990	625	742	11,786
Milk Sherbet	-	194	232	240	282	378	396	494	354	263	190	193	274	3,490
Other Frozen Products	6	81	126	159	74	93	91	130	101	101	144	59	143	1,302
Water Ices	19	88	131	121	239	318	413	392	310	197	130	115	165	2,619
Mix, Ice Cream	55	3,117	3,159	3,576	3,785	4,492	4,892	5,002	5,045	4,152	3,790	3,148	2,963	47,121
Ice Milk	36	369	339	654	669	851	899	902	777	685	643	404	481	7,673
Milk Sherbet	37	131	156	163	192	256	277	322	249	191	132	131	191	2,391

1/ Production not shown when less than 3 plants or individual plant operations might be disclosed.

PENNSYLVANIA: DAIRY PRODUCTS MANUFACTURED, 1965-1986

Manufactured Products	1965	1975	1980	1982	1983	1984	1985	1986
				1,000 Pounds				
Butter	16,992	25,543	59,172	66,310	72,276	63,152	64,230	68,215
Swiss Cheese	2,686	11,839	6,969	5,605	6,748	5,995	8,173	8,277
All Italian Types of Cheese	7,381	20,763	41,476	63,050	74,272	131,831	151,645	167,312
Mozzarella Cheese & Similars	-	12,967	24,912	37,563	45,427	100,748	119,332	130,600
Total Cheese	20,693	67,985	101,262	127,155	147,463	202,711	221,595	227,898
Cottage Cheese, Curd	40,550	41,890	38,729	40,989	43,974	41,534	40,377	38,795
Creamed	49,252	49,035	45,408	43,653	43,357	38,419	35,352	34,016
Low Fat	-	12,087	16,925	20,403	19,563	21,042	1/	1/
Condensed Milk (Unsweetened):								
Bulk Goods (Whole)	55,449	38,336	43,186	48,125	35,664	33,812	1/	1/
(Skimmed)	111,719	43,883	57,658	42,743	47,886	61,353	47,013	48,985
Nonfat Dry Milk For Human Food	45,465	14,752	48,301	55,461	62,234	36,524	1/	1/
Dry Buttermilk	581	640	1/	1,168	968	1,048	1/	1/
				1,000 Gallons				
Ice Cream, Total	70,878	72,976	79,939	72,969	77,053	80,250	84,275	88,413
Ice Milk, Total	10,672	16,817	15,187	13,695	14,328	14,901	15,020	16,117
Ice Milk, Soft	-	9,660	9,881	9,698	9,938	10,728	10,961	11,786
Milk Sherbet	3,447	2,956	3,562	3,627	3,702	3,845	3,941	3,490
Water Ices	3,402	2,674	2,164	1,742	2,025	1,975	2,368	2,619
Ice Cream Mix	36,669	37,495	41,001	38,157	40,436	42,071	44,518	47,121
Ice Milk Mix	7,493	8,760	7,045	7,259	7,457	7,434	7,292	7,673
Milk Sherbet Mix	2,444	1,903	2,309	2,402	2,504	2,588	2,667	2,391
Other Frozen Dairy Products	156	787	1,153	1,855	1,965	969	1,403	1,302

1/ Production not shown when less than 3 plants or individual plant operations might be disclosed.

PENNSYLVANIA: RANK AMONG STATES IN MANUFACTURED DAIRY PRODUCTS, 1986

Item	1	2	3	4	5	6	7	8	9	10
Butter	Wisc.	Calif.	Minn.	Wash.	PA.	N.Y.	Mich.	Mo.	Ohio	Kans.
Italian Cheese, Total	Wisc.	N.Y.	Calif.	PA.	Nebr.	S. Dak.	Ill.	Minn.	Wash.	- -
Creamed Cottage Cheese	N.Y.	Calif.	Ill.	Ohio	Wisc.	Ind.	PA.	Mich.	Mo.	Wash.
Ice Cream, Total	Calif.	PA.	Texas	N.Y.	Ohio	Mass.	Minn.	Fla.	Mich.	Ill.
Ice Milk, Total	Calif.	Texas	Ill.	Fla.	PA.	Ohio	N.Y.	Mich.	Ga.	Minn.
Milk Sherbet	Calif.	PA.	N.Y.	Ohio	Texas	Iowa	Ind.	Minn.	Fla.	Mich.
Total Frozen Products	Calif.	PA.	Texas	N.Y.	Ohio	Fla.	Ill.	Mass.	Minn.	Mich.
Whole Milk In Manufactured Milk Products	Wisc.	Calif.	Minn.	N.Y.	PA.	Wash.	Iowa.	Ohio	Mo.	Mich.

LIVESTOCK INVENTORY AND PRODUCTION - 1986

BY NORMAN W. BENNETT

INVENTORY DECREASES: There were an estimated 1,950,000 cattle and calves on 46,000 Pennsylvania cattle farms as of January 1, 1987. This inventory level is nearly 1 percent lower than the previous year's January 1 figure. The all cattle inventory value of 1.07 billion dollars was up 4 percent from a year earlier. Average value per head was $550.00. Pennsylvania ranked 17th in the nation for cattle inventory on January 1, 1987 which was two positions higher than the previous year's ranking.

Milk cow inventory came in at 735,000 head on the 19,500 dairy farms. This level was a decrease of 2 percent from the previous year. Milk replacement heifers 500 pounds and over were estimated at 294,000 head, up 1 percent from January 1, 1986.

Inventory of beef cows that have calved increased nearly 12 percent over the previous year to 212,000 head. Beef replacement heifers 500 pounds and over at 40,000 head was up 8 percent from the January 1, 1986 level. Other heifers weighing 500 pounds or more which were being fed for the slaughter market were estimated at 52,000 head, up 6 percent from the previous year. Steers weighing 500 pounds and over came in at 206,000 head, a decrease of 8 percent, while the number of bulls were up slightly to a level of 30,000 head. The number of steer, bull, and heifer calves under 500 pounds totaled 381,000, down 3 percent from January 1, 1986.

CALF CROP INCREASES: The 1986 Pennsylvania calf crop totaled 880,000 head, an increase of nearly 5 percent over the 1985 calf crop. This level represents the largest calf crop since 1965.

CATTLE ON FEED DOWN 6 PERCENT: The number of cattle and calves on full feed for the slaughter market totaled 80,000 head as of January 1, 1987, down 6 percent from the previous year's level. These cattle are being fed a full ration of grain or other concentrates and are expected to produce a carcass that will grade good or better. These cattle and calves on feed are also included in the total cattle inventory estimates by classes.

HOG INVENTORY HIGHER: On December 1, 1986, there were an estimated 890,000 hogs and pigs on 11,000 Pennsylvania farms. This was an increase of 14 percent over the 780,000 head level estimated a year earlier. Total inventory value increased as well to $88,110,000, nearly 47 percent higher than the previous year's value. The breeding stock inventory came in at 95,000 head, an increase of 10,000 from December 1, 1985. The Commonwealth ranked 14th in the nation as of December 1, 1986 for hog and pig inventory.

PIG CROP UP 9 PERCENT: The total pig crop for 1986 (December 1985 - November 1986) was 1,164,000, nearly 9 percent higher than the crop for the same period in 1985. The Spring (December - May) pig crop was up 2 percent from the previous year. The Fall (June - November) pig crop increased a sizable 15 percent over the same period of a year earlier. The number of sows farrowing during December 1985 - February 1986 were up 18 percent while March - May 1985 farrowings were down 6 percent. Sows farrowing during the June - August period were up 17 percent while the sows farrowing September - November were up 19 percent over the previous year.

SHEEP INVENTORY RISES: On January 1, 1987 there were 104,000 sheep and lambs on the Commonwealth's 4,700 sheep farms. This is 12 percent higher than the previous year's inventory level. Of the total number of head on hand, 73,000 were ewes one year old and older, 6,000 were rams and wethers one year old and older, 18,000 were ewe lambs, and 7,000 were ram and wether lambs. The sheep and lamb inventory value was $7,852,000, nearly 1 percent above the January 1 value a year earlier. Pennsylvania ranked 23rd among states based on all sheep and lamb inventory as of January 1, 1987.

LAMB CROP INCREASES: Pennsylvania's 1986 lamb crop was estimated at 79,000 head, up 5 percent from the 1985 number. The 1986 lambing rate was 116 lambs saved per 100 ewes one year and older compared with the 1985 rate of 112.

WOOL PRODUCTION UP 20 PERCENT: There were an estimated 99,000 sheep shorn on Pennsylvania farms during 1986, an increase of 16 percent over 1985. Wool production was up 20 percent over the previous year to a level of 683,000 pounds. Average fleece weight was 6.9 pounds compared to 6.7 in 1985. The annual average price increased from 50 cents per pound in 1985 to 62 cents per pounds in 1986.

RED MEAT PRODUCTION INCREASES: During 1986, commercial red meat production by the 313 commercial slaughter establishments in Pennsylvania totaled 997,599,000 pounds, up 7 percent from 1985. Hog, sheep and lamb, and calf slaughter were below their 1985 levels while cattle slaughter was up from the previous year. There were 9 slaughtering establishments under federal inspection on January 1, 1986 which had discontinued their operation by January 1, 1987. During 1986, 233 federally inspected plants slaughtered 1,110,300 cattle, 172 plants slaughtered 285,900 calves, and 188 plants slaughtered 129,200 sheep and lambs.

PENNSYLVANIA: LIVESTOCK ON FARMS AND VALUE, JANUARY 1, 1960-1987

Year	Hogs & Pigs 1/		Cattle & Calves		Sheep & Lambs		3 Species
	Number	Value	Number	Value	Number	Value	Value
	Thousands						
1960	558	$12,332	1,913	$ 390,252	250	$3,800	$ 406,384
1965	424	18,020	1,874	335,446	189	2,778	348,917
1970	570	21,204	1,781	445,250	165	3,548	470,002
1975	590	27,435	1,960	529,200	125	3,500	560,135
1980	870	50,460	1,950	1,423,500	105	6,405	1,480,365
1981	980	63,700	2,000	1,500,000	105	6,720	1,597,670
1982	750	55,875	2,100	1,438,500	125	7,500	1,501,875
1983	870	66,990	2,000	1,290,000	98	6,223	1,363,213
1984	950	59,375	1,970	1,162,300	104	6,656	1,228,331
1985	800	63,200	1,960	1,127,000	88	5,896	1,196,096
1986	780	60,060	1,960	1,029,000	93	7,812	1,096,872
1987	890	88,110	1,950	1,072,500	104	7,852	1,166,462

1/ December 1 preceding year shown, 1970 to date.

PENNSYLVANIA: PIG CROP, 1960-1986

Year	Spring Crop (December-May)			Fall Crop (June-November)			Total Pig Crop
	Sows Farrowed	Pigs Per Litter	Pigs Saved	Sows Farrowed	Pigs Per Litter	Pigs Saved	
1960	61,000	7.1	433,000	54,000	7.2	389,000	822,000
1965	42,000	7.5	315,000	38,000	7.8	296,000	611,000
1970	57,000	7.5	428,000	56,000	7.6	426,000	854,000
1975	63,000	7.7	485,000	49,000	7.9	387,000	872,000
1980	87,000	7.5	653,000	85,000	7.4	629,000	1,282,000
1981	83,000	8.0	664,000	63,000	7.8	491,000	1,155,000
1982	48,000	7.9	379,000	70,000	8.1	567,000	946,000
1983	80,000	8.0	640,000	82,000	8.0	656,000	1,296,000
1984	77,000	8.0	616,000	68,000	8.0	544,000	1,160,000
1985	68,000	7.8	530,000	66,000	8.2	541,000	1,071,000
1986	72,000	7.5	540,000	78,000	8.0	624,000	1,164,000

PENNSYLVANIA: CALF CROP, 1960-1986

Year	All Cows That Have Calved 1/		Heifers 500 Pounds And Over 1/		Calves Under 500 Pounds 1/	Calves Born
	Milk Cows	Beef Cows	Milk Cow Replacement	Beef Cow Replacement		
	Thousand Head					
1960 2/	978	90	242	35	339	918
1965 2/	929	104	223	42	326	886
1970	712	145	210	35	306	831
1975	686	176	236	49	417	800
1980	712	198	266	46	398	800
1981	718	200	274	50	404	850
1982	730	247	307	44	411	840
1983	738	212	298	48	388	820
1984	738	198	290	39	382	830
1985	735	190	310	41	378	840
1986	747	190	290	37	393	880

1/ January 1 inventory. 2/ Prior to 1970, cattle were estimated by age.

PENNSYLVANIA: LAMB AND WOOL CROPS, 1960-1986

Year	Breeding Ewes 1 Year & Older January 1	Lambs Saved Per 100 Ewes 1+ January 1	Lambs Saved	Sheep Shorn	Weight Per Fleece	Wool Production	Value Of Wool Production
	Thousand	Number	Thousand		Pounds	1,000 Lbs.	1,000 Dollars
1960	169	95	161	230	7.3	1,679	823
1965	133	102	136	174	7.6	1,322	740
1970	122	101	123	152	7.3	1,110	477
1975	94	106	100	115	7.0	805	314
1980	78	106	83	98	6.9	676	527
1981	79	110	87	100	6.7	670	536
1982	95	84	80	90	6.8	612	226
1983	75	107	80	95	6.8	646	291
1984	77	104	80	97	6.7	650	455
1985	67	112	75	85	6.7	570	285
1986	68	116	79	99	6.9	683	423

PENNSYLVANIA: LIVESTOCK AND POULTRY INVENTORY, 1981-1987

Specie & Class	Number On Farms December 1					
	1981	1982	1983	1984	1985	1986
	Thousand Head					
Hogs And Pigs	750	870	950	800	780	890
Kept For Breeding	81	87	110	90	85	95
Market Hogs And Pigs	669	783	840	710	695	795
Under 60 Pounds	219	303	353	316	278	294
60-119 Pounds	207	210	202	140	163	207
120-179 Pounds	120	137	147	131	134	159
180 Pounds And Over	123	133	138	123	120	135
Chickens, Excluding Broilers	21,600	22,500	23,800	22,500	22,100	22,050
Hens And Pullets Of Laying Age	17,150	17,600	17,300	18,500	18,400	17,300
Hens	6,020	5,150	6,850	5,000	8,300	5,700
Pullets	11,130	12,450	10,450	13,500	10,100	11,600
Pullets Not Of Laying Age	4,256	4,730	6,340	3,800	3,520	4,600
3 Months And Older	2,043	2,430	2,940	1,880	1,710	2,200
Under 3 Months	2,213	2,300	3,400	1,920	1,810	2,400
Other Chickens, Excluding Broilers	194	170	160	200	180	150

	Number On Farms January 1					
	1982	1983	1984	1985	1986	1987
	Thousand Head					
Cattle And Calves	2,100	2,000	1,970	1,960	1,960	1,950
Cows And Heifers Calved	977	950	936	925	937	947
Milk Cows	730	738	738	735	747	735
Beef Cows	247	212	198	190	190	212
Heifers 500 Pounds And Over	393	386	376	394	376	386
Milk Cow Replacement	307	298	290	310	290	294
Beef Cow Replacement	44	48	39	41	37	40
Other	42	40	47	43	49	52
Steers 500 Pounds And Over	275	234	240	230	225	206
Bulls 500 Pounds And Over	44	42	36	33	29	30
Heifers, Steers And Bulls Under 500 Pounds	411	388	382	378	393	381
Cattle And Calves On Feed	75	75	80	85	85	80
Sheep And Lambs	125	98	104	88	93	104
Lambs	25	18	20	16	19	25
Ewes	19	14	15	12	14	18
Rams And Wethers	6	4	5	4	5	7
Sheep 1 Year And Older	100	80	84	72	74	79
Ewes	95	75	77	67	68	73
Rams And Wethers	5	5	7	5	6	6

PENNSYLVANIA: LIVESTOCK ON FARMS AND VALUE, 1986-1987

County & District	No. & Value December 1, 1986	Number And Value January 1, 1987				All Livestock
	Hogs And Pigs	Cattle And Calves		Sheep And Lambs		
	Head Number	Value Dollars	Head Number	Value Dollars	Head Number	Value Dollars	Value Dollars
Crawford	4,100	405,900	49,500	27,225,000	1,200	90,600	27,721,500
Erie	1,500	148,500	36,000	19,800,000	550	41,525	19,990,025
Forest	200	19,800	1,100	605,000	50	3,775	628,575
Mercer	5,900	584,100	35,200	19,360,000	2,000	151,000	20,095,100
Venango	1,500	148,500	12,200	6,710,000	1,100	83,050	6,941,550
Warren	800	79,200	15,000	8,250,000	900	67,950	8,397,150
NORTHWESTERN, TOTAL.	**14,000**	**1,386,000**	**149,000**	**81,950,000**	**5,800**	**437,900**	**83,773,900**
Bradford	3,300	326,700	89,000	48,950,000	5,400	407,700	49,684,400
Cameron	100	9,900	400	220,000	-	-	229,900
Clinton	2,600	257,400	13,500	7,425,000	150	11,325	7,693,725
Elk	200	19,800	2,800	1,540,000	100	7,550	1,567,350
Lycoming	4,600	455,400	27,000	14,850,000	1,400	105,700	15,411,100
McKean	300	29,700	6,600	3,630,000	600	45,300	3,705,000
Potter	200	19,800	17,600	9,680,000	850	64,175	9,763,975
Sullivan	300	29,700	8,100	4,455,000	500	37,750	4,522,450
Tioga	3,400	336,600	51,000	28,050,000	3,800	286,900	28,673,500
NORTH CENTRAL, TOTAL	**15,000**	**1,485,000**	**216,000**	**118,800,000**	**12,800**	**966,400**	**121,251,400**
Lackawanna	800	79,200	9,500	5,225,000	350	26,425	5,330,625
Susquehanna	1,500	148,500	45,000	24,750,000	1,500	113,250	25,011,750
Wayne	300	29,700	32,500	17,875,000	1,000	75,500	17,980,200
Wyoming	900	89,100	17,000	9,350,000	650	49,075	9,488,175
NORTHEASTERN, TOTAL.	**3,500**	**346,500**	**104,000**	**57,200,000**	**3,500**	**264,250**	**57,810,750**
Armstrong	4,500	445,500	20,300	11,165,000	1,300	98,150	11,708,650
Beaver	1,500	148,500	12,000	6,600,000	1,300	98,150	6,846,650
Butler	10,000	990,000	28,500	15,675,000	3,700	279,350	16,944,350
Clarion	3,500	346,500	18,400	10,120,000	600	45,300	10,511,800
Indiana	9,000	891,000	29,400	16,170,000	1,600	120,800	17,181,800
Jefferson	1,400	138,600	16,200	8,910,000	800	60,400	9,109,000
Lawrence	7,100	702,900	24,200	13,310,000	2,100	158,550	14,171,450
WEST CENTRAL, TOTAL.	**37,000**	**3,663,000**	**149,000**	**81,950,000**	**11,400**	**860,700**	**86,473,700**
Blair	4,000	396,000	30,000	16,500,000	650	49,075	16,945,075
Cambria	4,300	425,700	13,400	7,370,000	550	41,525	7,837,225
Centre	7,200	712,800	35,200	19,360,000	1,800	135,900	20,208,700
Clearfield	800	79,200	9,000	4,950,000	500	37,750	5,066,950
Columbia	8,800	871,200	14,900	8,195,000	500	37,750	9,103,950
Dauphin	13,500	1,336,500	25,400	13,970,000	1,800	135,900	15,442,400
Huntingdon	4,500	445,500	29,500	16,225,000	900	67,950	16,738,450
Juniata	9,800	970,200	22,100	12,155,000	1,000	75,500	13,200,700
Mifflin	9,200	910,800	27,800	15,290,000	750	56,625	16,257,425
Montour	8,400	831,600	7,000	3,850,000	200	15,100	4,696,700
Northumberland	27,000	2,673,000	19,600	10,780,000	1,400	105,700	13,558,700
Perry	7,500	742,500	23,000	12,650,000	900	67,950	13,460,450
Snyder	19,000	1,881,000	20,500	11,275,000	750	56,625	13,212,625
Union	14,500	1,435,500	19,600	10,780,000	400	30,200	12,245,700
CENTRAL, TOTAL	**138,500**	**13,711,500**	**297,000**	**163,350,000**	**12,100**	**913,550**	**177,975,050**
Carbon	900	89,100	1,700	935,000	250	18,875	1,042,975
Lehigh	10,500	1,039,500	5,400	2,970,000	700	52,850	4,062,350
Luzerne	1,800	178,200	9,000	4,950,000	550	41,525	5,169,725
Monroe	1,200	118,800	4,200	2,310,000	250	18,875	2,447,675
Northampton	5,000	495,000	17,500	9,625,000	950	71,725	10,191,725
Pike	100	9,900	500	275,000	-	-	284,900
Schuylkill	19,500	1,930,500	12,700	6,985,000	800	60,400	8,975,900
EAST CENTRAL, TOTAL.	**39,000**	**3,861,000**	**51,000**	**28,050,000**	**3,500**	**264,250**	**32,175,250**
Allegheny	800	79,200	5,600	3,080,000	1,100	83,050	3,242,250
Fayette	2,800	277,200	22,200	12,210,000	1,300	98,150	12,585,350
Greene	900	89,100	21,100	11,605,000	10,100	762,550	12,456,650
Somerset	10,500	1,039,500	50,700	27,885,000	2,600	196,300	29,120,800
Washington	3,500	346,500	45,200	24,860,000	8,800	664,400	25,870,900
Westmoreland	5,000	495,000	35,200	19,360,000	3,600	271,800	20,126,800
SOUTHWESTERN, TOTAL.	**23,500**	**2,326,500**	**180,000**	**99,000,000**	**27,500**	**2,076,250**	**103,402,750**
Adams	23,000	2,277,000	34,900	19,195,000	3,200	241,600	21,713,600
Bedford	8,800	871,200	54,400	29,920,000	1,400	105,700	30,896,900
Cumberland	25,000	2,475,000	48,500	26,675,000	1,600	120,800	29,270,800
Franklin	40,000	3,960,000	94,500	51,975,000	1,600	120,800	56,055,800
Fulton	8,200	811,800	18,700	10,285,000	500	37,750	11,134,550
York	48,000	4,752,000	55,000	30,250,000	4,000	302,000	35,304,000
SOUTH CENTRAL, TOTAL	**153,000**	**15,147,000**	**306,000**	**168,300,000**	**12,300**	**928,650**	**184,375,650**
Berks	48,000	4,752,000	75,000	41,250,000	2,300	173,650	46,175,650
Bucks	6,500	643,500	18,000	9,900,000	1,900	143,450	10,686,950
Chester	17,000	1,683,000	64,700	35,585,000	2,000	151,000	37,419,000
Delaware	1,000	99,000	1,200	660,000	500	37,750	796,750
Lancaster	342,000	33,858,000	269,000	147,950,000	6,000	453,000	182,261,000
Lebanon	42,000	4,158,000	53,300	29,315,000	1,200	90,600	33,563,600
Montgomery	10,000	990,000	16,800	9,240,000	1,200	90,600	10,320,600
Philadelphia	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL.	**466,500**	**46,183,500**	**498,000**	**273,900,000**	**15,100**	**1,140,050**	**321,223,550**
PENNSYLVANIA	**890,000**	**88,110,000**	**1,950,000**	**1,072,500,000**	**104,000**	**7,852,000**	**1,168,462,000**

PENNSYLVANIA: COMMERCIAL SLAUGHTER OF LIVESTOCK, 1985-1986 1/

Month	Number of Head		Liveweight			
			Per Head		Total Pounds	
	1985	1986	1985	1986	1985	1986
			Cattle			
Jan.-Mar....	230,800	256,100	1,179	1,192	272,113,000	305,367,000
Apr.-June...	226,700	290,500	1,168	1,162	264,726,000	337,527,000
July-Sept...	242,800	283,800	1,158	1,157	281,279,000	328,318,000
Oct.-Dec....	288,100	295,100	1,179	1,168	339,729,000	344,728,000
Annual...	988,200	1,125,500	1,172	1,169	1,157,847,000	1,315,940,000
			Calves			
Jan.-Mar....	76,700	71,500	171	168	13,126,000	12,025,000
Apr.-June...	58,700	61,100	173	178	10,142,000	10,877,000
July-Sept...	81,300	80,500	166	166	13,502,000	13,400,000
Oct.-Dec....	84,600	74,200	166	167	14,039,000	12,397,000
Annual...	301,300	287,300	169	170	50,810,000	48,700,000
			Hogs			
Jan.-Mar....	426,700	374,000	235	234	100,251,000	87,501,000
Apr.-June...	411,400	362,200	234	232	96,312,000	88,690,000
July-Sept...	373,400	365,600	231	231	86,387,000	84,374,000
Oct.-Dec....	418,400	404,700	234	234	97,894,000	94,752,000
Annual...	1,629,900	1,526,700	234	233	380,844,000	355,318,000
			Sheep And Lambs			
Jan.-Mar....	40,700	30,900	105	105	4,272,000	3,251,000
Apr.-June...	36,700	34,500	100	90	3,680,000	3,118,000
July-Sept...	34,700	34,600	105	101	3,634,000	3,495,000
Oct.-Dec....	29,000	30,600	107	109	3,098,000	3,327,000
Annual...	140,900	130,700	104	101	14,684,000	13,191,000

1/ Quarterly may not add to annual due to rounding.

PENNSYLVANIA: CATTLE AND CALVES - PERCENT OF OPERATIONS AND INVENTORY BY SIZE GROUPS, 1979-1986

Year	1-49 Head		50-99 Head		100-499 Head		500 Head And Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
				Percent				
1979.....	74.0	29.3	18.5	34.4	7.5	33.3	1/	3.1
1980.....	72.9	26.5	19.1	35.7	8.0	35.7	1/	2.1
1981.....	71.5	25.5	20.0	36.0	8.5	35.5	1/	3.0
1982.....	70.2	26.5	20.0	33.0	9.8	37.9	1/	2.6
1983.....	70.2	26.3	19.4	32.3	10.4	38.7	1/	2.7
1984.....	68.1	24.2	20.4	32.6	11.5	40.5	1/	2.7
1985.....	69.6	23.5	18.7	31.5	11.7	41.9	1/	3.1
1986. . . .	69.5	23.5	18.5	30.3	12.0	43.1	1/	3.1

1/ Combined with next smaller size group.

PENNSYLVANIA: MILK COWS - PERCENT OF OPERATIONS AND INVENTORY BY SIZE GROUPS, 1979-1986

Year	1-29 Head		30-49 Head		50-99 Head		100 Head And Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
				Percent				
1979.....	41.5	16.5	29.0	34.5	15.5	31.5	4.0	17.5
1980.....	39.0	15.0	30.0	34.5	16.5	32.0	4.5	18.5
1981.....	34.5	13.5	32.5	35.0	18.5	33.0	4.5	18.5
1982.....	43.5	14.0	31.5	33.0	20.0	34.5	5.0	18.5
1983.....	43.5	13.0	30.0	31.5	21.5	36.5	5.0	19.0
1984.....	38.3	11.3	30.5	31.6	25.7	38.9	5.2	18.2
1985.....	39.1	11.0	30.0	29.1	25.2	39.2	5.7	20.7
1986.....	35.9	9.9	30.8	29.4	27.2	39.1	6.1	21.6

PENNSYLVANIA: COMMERCIAL SLAUGHTER OF LIVESTOCK, 1960-1986

Year	Cattle		Calves		Hogs		Sheep & Lambs	
	Head	Total Liveweight	Head	Total Liveweight	Head	Total Liveweight	Head	Total Liveweight
	Thousands							
1960.....	830.0	900,687	668.0	84,586	2,725.0	593,126	392.5	35,779
1965.....	901.0	961,949	643.0	84,717	2,910.0	661,201	197.3	17,632
1970.....	745.5	841,645	374.0	50,165	3,783.0	847,031	106.9	9,706
1975.....	938.5	999,105	343.4	39,862	2,452.0	559,107	153.8	15,127
1980.....	715.5	813,313	253.9	38,746	3,387.8	760,776	153.3	15,602
1981.....	761.8	862,058	256.0	42,141	2,649.9	605,356	170.1	17,257
1982.....	857.8	968,041	305.6	47,521	1,992.6	461,062	176.9	17,716
1983.....	948.9	1,087,388	302.9	51,027	2,448.1	566,536	150.7	15,214
1984.....	977.4	1,115,097	286.7	48,291	2,138.4	504,053	173.2	17,694
1985.....	988.2	1,157,847	301.3	50,810	1,629.8	380,844	140.9	14,684
1986.....	1,125.5	1,315,940	287.2	48,700	1,526.7	355,318	130.7	13,191

PENNSYLVANIA: CATTLE AND CALVES PRODUCTION, DISPOSITION AND INCOME, 1960-1986

Year	Inventory January 1	Calf Crop	Inshipments	Marketings		Farm Slaughter	Deaths		Inventory January 1 Following	Gross Income 1/
				Cattle	Calves		Cattle	Calves		
	Thousands									
1960.....	1,913	918	167	413	478	43	28	85	1,951	$ 99,637
1965.....	1,874	888	151	465	477	41	28	84	1,818	101,706
1970.....	1,781	831	120	396	455	22	26	70	1,763	128,514
1975.....	1,960	800	99	402	347	20	35	95	1,960	152,624
1980.....	1,950	800	120	435	286	24	35	90	2,000	329,108
1981.....	2,000	850	125	455	295	15	30	80	2,100	310,758
1982.....	2,100	840	120	558	367	20	35	80	2,000	367,633
1983.....	2,000	820	140	503	353	19	35	80	1,970	336,343
1984.....	1,970	830	130	490	345	15	35	85	1,960	323,231
1985.....	1,960	840	130	495	345	15	35	80	1,960	310,222
1986.....	1,960	880	120	520	365	15	35	75	1,950	322,825

1/ Value of marketings and home consumption.

PENNSYLVANIA: HOGS AND PIGS PRODUCTION, DISPOSITION AND INCOME, 1960-1986

Year	Inventory December 1 1/	Pigs Saved	Marketings	Farm Slaughter	Deaths	Inventory December 1	Gross Income 2/
	Thousands						
1960 3/.....	558	822	593	159	103	525	$ 27,507
1965.....	461	611	486	85	77	424	26,748
1970.....	570	854	659	46	92	627	38,464
1975.....	590	872	672	51	87	660	77,296
1980.....	870	1,282	948	64	160	980	89,466
1981.....	980	1,155	1,215	40	130	750	134,847
1982.....	750	946	666	40	120	870	89,888
1983.....	870	1,296	1,081	25	110	950	123,987
1984.....	950	1,160	1,180	25	105	800	139,769
1985.....	800	1,071	971	30	90	780	106,908
1986.....	780	1,164	929	25	100	890	112,483

1/ December 1 preceding year. 2/ Value of marketings and home consumption. 3/ 1960 data on basis of a January 1 inventory.

PENNSYLVANIA: SHEEP AND LAMB PRODUCTION, DISPOSITION AND INCOME, 1960-1986

Year	Inventory January 1	Lambs Saved	Marketings		Farm Slaughter	Deaths		Inventory January 1 Following	Gross Income 1/
			Sheep	Lambs		Sheep	Lambs		
	Thousands								
1960.....	250	161	38	98	4	24	13	235	$1,780
1965.....	189	136	21	86	4	19	10	185	1,815
1970.....	165	123	17	75	3	20	13	160	1,905
1975.....	125	100	7	64	3	21	10	120	2,412
1980.....	105	83	10	47	5	11	10	105	3,169
1981.....	105	87	3	46	5	9	11	125	3,151
1982.....	125	80	37	47	3	8	12	98	3,806
1983.....	98	80	6	45	5	8	10	104	3,184
1984.....	104	80	24	50	3	8	11	88	3,796
1985.....	88	75	6	42	4	8	10	93	3,217
1986.....	93	79	7	41	2	7	11	104	3,156

1/ Value of marketings and home consumption.

POULTRY SUMMARY - 1986

BY NORMAN W. BENNETT

The Commonwealth's laying flocks produced 4.69 billion eggs during the one year period ending November 30, 1986. This level of production was 2 percent below the previous year's record level but nearly 10 percent above the 1984 figure. During 1986, the average number of layers on hand was 17,927,000, nearly 2 percent below the previous year.

On December 1, 1986, the number of chickens on farms (excluding broilers) totaled 22,050,000 birds, nearly the same as December 1, 1985 and 2 percent below the level two years ago. The total inventory had an estimated value of $40,793,000 or $1.85 per bird. The December 1 inventory consisted of 5,700,000 hens, 11,600,000 pullets of laying age, 4,600,000 pullets not yet of laying age and 150,000 other chickens.

The average price received for market eggs sold during the year ending November 30, 1986 was 57.0 cents per dozen compared with 53.0 cents per dozen a year earlier.

Pennsylvania's commercial hatcheries produced 158,386,000 chicks during 1986, 5 percent higher than the production for 1985. The Commonwealth's egg-type hatch at 43,094,000 was 11 percent above the 1985 egg-type hatch while the broiler-type hatch of 115,292,000 was up 3 percent from a year earlier. Pennsylvania ranks second in the nation for total egg-type chicks hatched and eleventh for total broiler-type chicks hatched.

Commercial broiler production in Pennsylvania during 1986 totaled 101,907,000 birds, 8 percent higher than the previous year. The total liveweight produced for 1986 was 428,009,000 pounds, 8 percent above the 397,723,000 pounds produced the year before. The average price per pound during 1986 was 32.0 cents, up 1.0 cent per pound from a year earlier. Broiler production was valued at $136,963,000, up 11 percent from 1985.

The gross value from the production of poultry, excluding home consumption, was approximately $454,935,000 according to preliminary estimates. This estimate was 9 percent above the 1985 total value.

Commonwealth turkey growers raised a record 7.8 million turkeys in 1986, up nearly 10 percent from the previous record production in 1985. The total liveweight was 156.0 million pounds, 16 percent above the 1985 level of 134.9 million pounds. The average liveweight per bird was 20.0 pounds while the average price received per pound was 51.0 cents. This calculated a gross income of $79,560,000, up 18 percent from the previous year. During 1986 there were 4,349,000 poults hatched in Pennsylvania, a 7 percent increase over 1985.

PENNSYLVANIA: CHICKEN INVENTORY ON FARMS, 1960-1986

Year	Layers			Pullets Not Laying	Other Chickens 2/	Total Chickens 1/	
	Hens	Pullets 2/	Total			Number	Value-Dollars
			Thousands				
January 1:							
1960	6,535	13,562	20,097	-	1,081	21,178	29,649
1965	7,117	9,070	16,187	3,188	201	19,576	29,364
1966	7,544	7,672	15,216	3,450	191	18,857	29,228
1967	6,488	8,728	15,216	3,892	191	19,299	29,913
1968	5,969	8,791	14,760	2,816	172	17,748	27,509
1969	6,152	8,262	14,414	2,988	176	17,578	28,125
December 1:							
1969	6,250	8,425	14,675	2,617	151	17,443	29,653
1970	6,213	8,633	14,846	3,239	157	18,242	28,275
1975	4,958	6,427	11,385	2,353	112	13,850	23,545
1976	4,565	7,335	11,900	2,476	136	14,512	26,847
1977	6,025	8,175	14,200	2,855	165	17,220	32,718
1978	5,546	9,754	15,300	3,537	188	19,025	34,435
1979	5,230	11,370	16,600	4,121	209	20,930	35,581
1980	6,080	10,770	16,850	3,974	126	20,950	34,568
1981	6,020	11,130	17,150	4,256	194	21,600	36,720
1982	5,150	12,450	17,600	4,730	170	22,500	36,000
1983	6,850	10,450	17,300	6,340	160	23,800	44,030
1984	5,000	13,500	18,500	3,800	200	22,500	50,625
1985	8,300	10,100	18,400	3,520	180	22,100	36,465
1986	5,700	11,600	17,300	4,600	150	22,050	40,793

1/ Chickens excluding commercial broilers. 2/ Before 1965 includes some pullets not of laying age.

PENNSYLVANIA: LAYERS, EGG PRODUCTION, EGG PRICES & HATCH DATA, BY MONTHS, 1960-1986

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Avg. Or Total 1/
NUMBER OF LAYERS (THOUSANDS)													
1960...	17,768	17,289	16,753	16,300	15,933	15,614	15,426	15,594	16,142	16,794	17,286	17,408	16,526
1965...	16,122	15,978	15,834	15,691	15,464	15,392	15,352	15,290	15,396	15,296	15,247	15,284	15,529
1970...	14,464	14,470	14,454	14,287	14,173	13,905	14,022	14,495	14,601	14,674	14,818	14,772	14,415
1975...	12,200	12,014	11,834	11,596	11,422	11,250	11,193	11,193	11,221	11,249	11,317	11,385	11,573
1979...	14,750	14,900	14,900	14,600	14,550	14,650	14,850	15,300	15,700	16,050	16,400	16,700	15,138
1980...	16,751	16,586	16,475	16,290	15,865	15,865	15,951	16,088	16,225	16,438	16,826	16,813	16,339
1981...	16,813	16,938	16,788	16,375	16,150	15,950	16,175	15,925	15,888	16,663	17,000	17,700	16,457
1982 2/	16,876	16,863	-	16,450	-	-	16,025	-	-	16,813	-	17,700	16,552
1983...	17,913	18,063	17,838	17,775	17,888	17,700	17,901	18,350	18,701	19,050	18,250	16,000	18,094
1984...	14,350	14,000	14,763	15,775	16,713	17,363	16,563	15,876	16,663	18,313	18,876	18,301	16,274
1985...	18,013	17,800	17,675	17,913	17,975	17,750	17,875	18,200	18,663	19,175	18,888	18,300	18,187
1986...	18,163	18,263	18,138	17,775	17,913	17,825	17,900	17,963	17,613	17,713	17,563	17,301	17,927
NUMBER OF EGGS PRODUCED (MILLION)													
1960...	319	299	316	307	316	289	284	277	268	281	281	292	3,529
1965...	298	271	302	298	305	287	289	281	268	268	256	269	3,392
1970...	276	247	276	269	277	262	266	269	265	275	265	276	3,220
1975...	252	228	248	236	241	228	230	224	213	227	225	233	2,800
1979...	319	287	322	308	321	312	319	329	321	333	341	368	3,836
1980...	378	347	369	353	352	339	344	341	339	361	360	375	4,251
1981...	375	338	377	356	352	335	348	342	333	367	370	389	4,268
1982 2/	383	343	-	1,075	-	-	1,023	-	-	1,111	-	406	4,324
1983...	406	367	399	383	394	375	389	357	395	419	387	357	4,716
1984...	317	286	321	331	365	371	372	357	367	421	417	415	4,282
1985...	406	359	398	389	400	381	395	403	399	422	407	406	4,774
1986...	399	360	399	380	399	389	401	403	380	393	383	393	4,692
AVERAGE PRICES RECEIVED FOR EGGS (PER DOZEN)													
1960...	.350	.330	.360	.430	.370	.360	.360	.400	.450	.510	.510	.510	.409
1965...	.330	.340	.330	.370	.300	.320	.340	.380	.400	.390	.410	.440	.361
1970...	.580	.530	.460	.360	.300	.300	.340	.340	.390	.340	.350	.390	.409
1975...	.582	.558	.539	.495	.565	.424	.446	.460	.521	.529	.536	.589	.512
1979...	.595	.559	.598	.618	.569	.531	.531	.514	.536	.531	.515	.583	.557
1980...	.540	.456	.491	.480	.449	.438	.456	.521	.560	.555	.594	.684	.510
1981 3/	.637	.588	.581	.608	.567	.551	.540	.600	.620	.620	.650	.600	.600
1982...	.610	.660	.620	.610	.530	.480	.530	.460	.510	.550	.550	.510	.560
1983...	.500	.510	.520	.550	.560	.570	.540	.560	.620	.670	.710	.620	.567
1984...	.940	1.020	.840	.850	.650	.630	.580	.560	.560	.550	.550	.570	.700
1985...	.520	.460	.500	.500	.500	.470	.510	.520	.570	.600	.620	.670	.530
1986...	.660	.650	.620	.630	.570	.480	.520	.550	.510	.430	.550	.480	.570
EGG-TYPE CHICK HATCH (THOUSANDS)													
1960...	1,919	2,850	4,617	4,613	4,589	2,602	1,010	799	994	840	787	1,288	26,908
1965...	1,951	2,072	3,539	3,608	3,423	2,975	1,442	1,971	1,450	1,547	1,903	1,640	27,521
1970...	2,458	2,422	3,201	3,289	2,995	2,382	2,463	1,606	2,224	2,107	1,664	1,942	28,753
1975...	1,535	1,815	2,360	2,592	2,363	2,087	1,638	1,650	1,508	1,710	1,272	1,564	22,094
1979...	2,476	2,337	2,904	2,953	3,141	2,887	2,248	2,242	1,792	2,143	2,584	2,113	29,820
1980...	2,336	2,614	2,832	3,264	2,971	3,226	3,266	3,007	3,003	3,046	2,448	2,914	34,927
1981...	2,673	2,123	3,424	3,536	3,841	2,906	3,076	3,195	2,646	3,334	2,649	3,137	36,542
1982...	3,234	4,342	4,261	4,491	4,709	4,476	3,271	4,068	3,156	3,029	3,354	3,511	45,902
1983...	3,762	3,948	4,857	3,885	4,929	4,814	3,347	3,801	3,352	3,543	3,546	2,264	46,048
1984...	1,544	1,709	3,100	4,144	4,102	3,581	2,537	2,087	2,152	2,785	3,115	2,852	33,708
1985...	2,363	2,319	3,337	3,666	3,741	3,555	3,299	2,852	2,759	3,303	3,722	4,018	38,934
1986...	2,971	2,970	3,583	4,559	4,842	4,051	3,217	3,657	3,153	3,369	2,933	3,789	43,094
BROILER-TYPE CHICK HATCH (THOUSANDS)													
1960...	4,638	4,067	4,492	4,194	5,218	4,596	5,040	4,264	3,590	3,722	4,039	4,668	52,528
1965...	4,439	4,396	4,651	4,830	4,990	4,987	4,867	4,605	4,507	3,938	4,365	4,650	55,225
1970...	6,283	5,815	6,347	6,337	6,648	6,555	6,328	6,441	5,718	5,754	5,937	6,276	74,439
1975...	6,641	6,185	7,286	7,278	7,469	7,172	7,677	7,283	6,948,	7,283	6,597	7,314	85,133
1979...	10,115	9,232	10,855	10,549	11,198	10,914	10,743	10,826	9,716	9,075	9,237	10,306	122,766
1980...	10,330	10,151	10,933	10,726	11,263	10,815	10,474	10,436	9,830	10,397	9,602	10,235	125,212
1981...	10,495	9,502	11,208	10,904	11,342	10,759	11,025	10,220	10,424	10,150	9,627	10,649	126,305
1982...	10,591	9,334	11,262	10,927	11,191	11,071	11,020	10,684	10,187	10,114	9,733	10,495	126,609
1983...	10,363	9,217	10,956	9,436	9,013	8,454	8,320	9,049	9,013	8,652	7,354	7,317	107,144
1984...	7,149	6,753	8,234	7,895	8,208	7,831	7,811	8,169	7,924	8,010	7,413	8,849	94,246
1985...	8,964	7,756	9,829	9,003	9,678	9,151	9,657	9,683	9,738	9,080	9,032	10,145	111,916
1986...	10,185	8,667	8,699	8,845	9,261	9,851	9,857	10,054	9,822	10,106	9,614	10,327	115,288

1/ For layers, eggs, and prices, marketing year from 1970 to present runs from December 1 through November 30. 2/ For March through November 1982 average layer numbers and egg production estimates were made on a quarterly basis covering the periods March-May, June-August, and September-November. 3/ Beginning with 1981 average prices received are for market eggs only.

PENNSYLVANIA: CHICKENS ON FARMS AND VALUE DECEMBER 1, 1986 1/

County & District	Chickens: Number On Farms By Classes			All Chickens	
	Hens & Pullets Of Laying Age	Pullets Not Of Laying Age	Other Chicken	Number	Value (Dollars)
Crawford	240,000	80,000	1,000	321,000	593,900
Erie	45,000	10,800	200	56,000	103,600
Forest	1,500	400	100	2,000	3,700
Mercer	25,000	800	200	26,000	48,100
Venango	3,000	900	100	4,000	7,400
Warren	15,000	500	500	16,000	29,600
NORTHWESTERN, TOTAL	**329,500**	**93,400**	**2,100**	**425,000**	**786,300**
Bradford	240,000	75,000	2,000	317,000	586,500
Cameron	500	500	-	1,000	1,900
Clinton	20,000	600	400	21,000	38,900
Elk	85,000	1,500	500	87,000	161,000
Lycoming	105,000	5,500	500	111,000	205,400
McKean	4,500	500	-	5,000	9,300
Potter	8,500	300	200	9,000	16,700
Sullivan	2,500	400	100	3,000	5,600
Tioga	75,000	2,400	600	78,000	144,300
NORTH CENTRAL, TOTAL	**541,000**	**86,700**	**4,300**	**632,000**	**1,169,600**
Lackawanna	5,000	800	200	6,000	11,100
Susquehanna	15,000	7,500	500	23,000	42,600
Wayne	175,000	5,000	1,000	181,000	334,900
Wyoming	55,000	600	400	56,000	103,600
NORTHEASTERN, TOTAL	**250,000**	**13,900**	**2,100**	**266,000**	**492,200**
Armstrong	10,000	900	100	11,000	20,400
Beaver	17,500	300	200	18,000	33,300
Butler	98,500	700	800	100,000	185,000
Clarion	10,000	700	300	11,000	20,400
Indiana	250,000	20,000	1,000	271,000	501,400
Jefferson	10,000	700	300	11,000	20,400
Lawrence	120,000	1,600	400	122,000	225,700
WEST CENTRAL, TOTAL	**516,000**	**24,900**	**3,100**	**544,000**	**1,006,600**
Blair	40,000	1,700	300	42,000	77,700
Cambria	31,000	800	200	32,000	59,200
Centre	10,000	900	100	11,000	20,400
Clearfield	3,000	800	200	4,000	7,400
Columbia	50,000	500	500	51,000	94,300
Dauphin	525,000	75,000	2,000	602,000	1,113,700
Huntingdon	2,000	800	200	3,000	5,600
Juniata	135,000	18,000	6,000	159,000	294,100
Mifflin	90,000	35,000	12,000	137,000	253,400
Montour	35,000	1,500	500	37,000	68,400
Northumberland	300,000	45,000	1,000	346,000	640,100
Perry	125,000	4,100	900	130,000	240,500
Snyder	130,000	26,000	1,000	157,000	290,400
Union	180,000	25,500	500	206,000	381,100
CENTRAL, TOTAL	**1,656,000**	**235,600**	**25,400**	**1,917,000**	**3,546,300**
Carbon	22,000	800	200	23,000	42,600
Lehigh	101,000	11,500	500	113,000	209,000
Luzerne	110,000	15,000	1,000	126,000	233,100
Monroe	4,000	900	100	5,000	9,300
Northampton	80,000	17,200	800	98,000	181,300
Pike	2,000	900	100	3,000	5,600
Schuylkill	565,000	315,000	2,000	882,000	1,631,700
EAST CENTRAL, TOTAL	**884,000**	**361,300**	**4,700**	**1,250,000**	**2,312,600**
Allegheny	26,000	500	500	27,000	49,900
Fayette	50,500	30,000	500	81,000	149,800
Greene	2,500	400	100	3,000	5,600
Somerset	55,000	1,300	700	57,000	105,400
Washington	17,500	2,000	500	20,000	37,000
Westmoreland	61,000	5,400	1,600	68,000	125,800
SOUTHWESTERN, TOTAL	**212,500**	**39,600**	**3,900**	**256,000**	**473,500**
Adams	1,150,000	860,000	4,000	2,014,000	3,725,900
Bedford	12,000	900	100	13,000	24,100
Cumberland	375,000	65,000	1,000	441,000	815,800
Franklin	425,000	55,000	15,000	495,000	915,700
Fulton	2,000	900	100	3,000	5,600
York	630,000	125,000	10,000	765,000	1,415,200
SOUTH CENTRAL, TOTAL	**2,594,000**	**1,106,800**	**30,200**	**3,731,000**	**6,902,300**
Berks	320,000	84,500	1,500	406,000	751,100
Bucks	95,000	30,000	5,000	130,000	240,500
Chester	480,000	50,000	1,000	531,000	982,300
Delaware	1,000	900	100	2,000	3,700
Lancaster	8,420,500	2,202,000	63,500	10,686,000	19,769,100
Lebanon	840,000	250,000	2,000	1,092,000	2,020,200
Montgomery	160,000	20,000	1,000	181,000	334,800
Philadelphia	500	400	100	1,000	1,900
SOUTHEASTERN, TOTAL	**10,317,000**	**2,637,800**	**74,200**	**13,029,000**	**24,103,600**
PENNSYLVANIA	**17,300,000**	**4,600,000**	**150,000**	**22,050,000**	**40,793,000**

1/ Excludes broilers. Broiler production by county is shown later in this section.

PENNSYLVANIA: NUMBER OF LAYERS, EGG PRODUCTION AND VALUE OF PRODUCTION - 1986

County & District	Average Number Of Layers	Egg Production		Value Of Production
		Per Layer	Total	
	Number	Eggs	Eggs (000)	Dollars
Crawford	248,700	262	65,159	3,204,000
Erie	46,600	262	12,209	600,000
Forest	1,600	262	419	21,000
Mercer	25,900	262	6,786	334,000
Venango	3,100	262	812	40,000
Warren	15,500	262	4,061	200,000
NORTHWESTERN, TOTAL	**341,400**	**262**	**89,446**	**4,399,000**
Bradford	248,700	262	65,159	3,204,000
Cameron	500	263	132	6,000
Clinton	20,700	262	5,423	267,000
Elk	88,100	262	23,082	1,135,000
Lycoming	108,800	262	28,506	1,402,000
McKean	4,700	262	1,231	61,000
Potter	8,800	262	2,306	113,000
Sullivan	2,600	262	681	33,000
Tioga	77,700	262	20,357	1,001,000
NORTH CENTRAL, TOTAL	**560,600**	**262**	**146,877**	**7,222,000**
Lackawanna	5,200	262	1,362	67,000
Susquehanna	15,500	262	4,061	200,000
Wayne	181,300	262	47,501	2,335,000
Wyoming	57,000	262	14,934	734,000
NORTHEASTERN, TOTAL	**259,000**	**262**	**67,858**	**3,336,000**
Armstrong	10,400	262	2,725	134,000
Beaver	18,100	262	4,742	233,000
Butler	102,100	262	26,750	1,315,000
Clarion	10,400	262	2,725	134,000
Indiana	259,100	262	67,884	3,338,000
Jefferson	10,400	262	2,725	134,000
Lawrence	124,300	262	32,567	1,601,000
WEST CENTRAL, TOTAL	**534,800**	**262**	**140,118**	**6,889,000**
Blair	41,400	262	10,847	533,000
Cambria	32,100	262	8,410	413,000
Centre	10,400	262	2,725	134,000
Clearfield	3,100	262	812	40,000
Columbia	51,800	262	13,572	667,000
Dauphin	544,000	262	142,528	7,006,000
Huntingdon	2,100	262	550	27,000
Juniata	139,900	262	36,654	1,802,000
Mifflin	93,300	262	24,445	1,202,000
Montour	36,300	262	9,511	468,000
Northumberland	310,900	261	81,145	3,990,000
Perry	129,500	262	33,929	1,668,000
Snyder	134,700	262	35,291	1,735,000
Union	186,500	262	48,863	2,402,000
CENTRAL, TOTAL	**1,716,000**	**262**	**449,282**	**22,089,000**
Carbon	22,800	262	5,974	294,000
Lehigh	104,700	261	27,327	1,344,000
Luzerne	114,000	262	29,868	1,469,000
Monroe	4,100	262	1,074	53,000
Northampton	82,900	262	21,720	1,068,000
Pike	2,100	262	550	27,000
Schuylkill	585,500	261	152,816	7,513,000
EAST CENTRAL, TOTAL	**916,100**	**262**	**239,329**	**11,768,000**
Allegheny	26,900	262	7,048	347,000
Fayette	52,300	262	13,703	674,000
Greene	2,600	262	681	33,000
Somerset	57,000	262	14,934	734,000
Washington	18,100	262	4,742	233,000
Westmoreland	63,200	262	16,558	814,000
SOUTHWESTERN, TOTAL	**220,100**	**262**	**57,666**	**2,835,000**
Adams	1,191,700	261	311,034	15,292,000
Bedford	12,400	262	3,249	160,000
Cumberland	388,600	261	101,425	4,987,000
Franklin	440,400	261	114,944	5,651,000
Fulton	2,100	262	550	27,000
York	652,900	261	170,407	8,378,000
SOUTH CENTRAL, TOTAL	**2,688,100**	**262**	**701,609**	**34,495,000**
Berks	331,600	261	86,548	4,255,000
Bucks	98,400	262	25,781	1,268,000
Chester	497,400	262	130,319	6,407,000
Delaware	1,000	262	262	13,000
Lancaster	8,725,700	262	2,286,133	112,401,000
Lebanon	870,500	261	227,201	11,171,000
Montgomery	165,800	262	43,440	2,136,000
Philadelphia	500	262	131	6,000
SOUTHEASTERN, TOTAL	**10,690,900**	**262**	**2,799,815**	**137,657,000**
PENNSYLVANIA	**17,927,000**	**262**	**4,692,000**	**230,690,000**

PENNSYLVANIA: BROILER-TYPE EGGS SET, BROILER CHICKS HATCHED AND PLACED BY WEEKS, 1984-1986

Year And Week Ending	Eggs Set 1/	Chicks Hatched	Chicks Placed 2/	Year And Week Ending	Eggs Set 1/	Chicks Hatched	Chicks Placed 2/
		Thousand				Thousand	
1984:				1985:			
Nov. 17	2,628	1,646	1,611	Nov. 16	2,778	1,960	1,616
24	2,577	1,842	1,836	23	2,961	2,448	1,948
				30	3,011	2,240	1,853
Dec. 1	2,690	1,708	1,701				
8	2,563	2,010	1,863	Dec. 7	2,864	2,147	1,845
15	2,356	1,982	1,831	14	2,826	2,376	1,959
22	2,459	2,062	1,809	21	2,942	2,344	1,908
29	2,643	2,026	1,810	28	2,779	2,320	1,930
1985:				1986:			
Jan. 5	2,699	1,834	1,778	Jan. 4	2,921	2,233	2,085
12	2,655	1,941	1,829	11	2,824	2,362	2,149
19	2,491	2,109	1,892	18	2,867	2,228	1,994
26	2,322	2,122	1,992	25	2,970	2,412	2,042
Feb. 2	2,327	2,077	1,808	Feb. 1	2,521	2,225	1,806
9	2,769	1,975	1,796	8	2,564	2,259	1,821
16	2,894	1,824	1,700	15	2,462	2,370	2,054
23	2,816	1,814	1,729	22	2,367	1,990	1,894
Mar. 2	2,759	2,170	1,900	Mar. 1	2,447	2,019	1,965
9	2,776	2,276	1,967	8	2,437	1,984	1,928
16	2,498	2,198	1,939	15	2,454	1,913	1,881
23	2,421	2,196	1,916	22	2,290	1,967	1,903
30	2,858	2,248	2,048	29	2,654	1,975	1,935
Apr. 6	2,679	2,028	1,911	Apr. 5	2,706	1,997	1,955
13	2,598	1,888	1,775	12	2,883	1,840	1,782
20	2,914	2,282	2,027	19	2,689	2,099	2,043
27	2,850	2,193	1,988	26	2,408	2,160	2,090
May 4	2,800	2,103	1,985	May 3	2,565	2,312	2,285
11	2,541	2,293	2,030	10	2,735	2,152	2,109
18	2,783	2,244	1,916	17	2,914	1,926	1,880
25	2,835	2,203	1,932	24	2,747	2,040	2,009
				31	2,884	2,147	2,107
June 1	2,674	2,027	1,841				
8	2,636	2,145	1,997	Jun. 7	3,006	2,333	2,237
15	2,896	2,221	2,030	14	3,008	2,150	2,078
22	2,971	2,090	1,964	21	2,962	2,260	2,182
29	2,746	2,081	1,890	28	2,693	2,424	2,369
July 6	2,774	2,269	2,118	Jul. 5	2,690	2,390	2,260
13	2,680	2,380	1,989	12	2,986	2,355	2,210
20	2,659	2,147	1,744	19	2,999	2,097	1,972
27	2,948	2,217	1,846	26	2,866	2,096	2,021
Aug. 3	2,876	2,046	1,699	Aug. 2	3,107	2,245	2,147
10	3,076	2,061	1,797	9	2,984	2,264	2,161
17	2,810	2,222	1,885	16	2,950	2,167	2,079
24	2,915	2,236	1,821	23	2,852	2,371	2,155
31	2,876	2,286	1,955	30	2,941	2,281	2,203
Sept. 7	2,870	2,201	1,917	Sept. 6	2,871	2,300	2,218
14	2,880	2,307	1,929	13	2,861	2,259	2,195
21	2,661	2,288	2,002	20	2,704	2,331	2,235
28	2,340	2,288	1,970	27	2,975	2,290	2,146
Oct. 5	2,540	2,288	1,974	Oct. 4	2,882	2,264	2,145
12	2,586	2,026	1,839	11	3,012	2,172	2,005
19	2,245	1,913	1,605	18	2,741	2,353	2,218
26	2,557	2,030	1,763	25	2,725	2,249	2,107
Nov. 2	3,121	2,069	1,921	Nov. 1	2,968	2,379	2,242
9	2,838	1,792	1,660	8	2,944	2,150	2,003
TOTAL 3/	140,376	108,924	97,525	TOTAL 4/	145,197	114,625	106,364

1/ Eggs set include eggs for all broiler-type chicks, those to be raised as broilers and those to be raised as hatchery flock replacements. Broiler chicks hatched and placed included only chicks to be raised as broilers. 2/ Adjusted for shipped out of State. 3/ Included weeks ending November 17, 1984 through November 9, 1985. 4/ Includes weeks ending November 16, 1985 through November 8, 1986.

PENNSYLVANIA: BROILERS PRODUCTION AND VALUE, 1986

County & District	Number Produced (000)	Pounds Produced (000)	Value Of Production (000)
Adams	1,840	7,728	2,473
Berks	4,770	20,034	6,411
Chester	4,220	17,724	5,672
Columbia	990	4,158	1,331
Cumberland	900	3,780	1,210
Dauphin	2,630	11,046	3,535
Franklin	2,240	9,408	3,011
Huntingdon	1,140	4,788	1,532
Juniata	6,380	26,796	8,575
Lancaster	45,120	189,504	60,641
Lebanon	11,050	46,410	14,851
Mifflin	1,230	5,166	1,653
Northumberland	2,480	10,416	3,333
Perry	3,550	14,910	4,771
Schuylkill	2,690	11,298	3,615
Snyder	4,920	20,664	6,612
Union	1,140	4,788	1,532
York	1,810	7,602	2,433
Other Counties	2,807	11,789	3,772
PENNSYLVANIA	**101,907**	**428,009**	**136,963**

PENNSYLVANIA: COMMERCIAL BROILERS AND ROASTERS - PRODUCTION AND INCOME, 1960-1986

Year	Number Produced	Pounds Per Bird	Pounds Produced	Price Per Pound	Gross Income
	Thousands	Pounds	Thousands	Cents	Thous. Dols.
1960	37,725	3.7	139,582	18.9	26,381
1965	42,962	3.9	167,552	17.6	29,489
1970 1/	53,677	4.0	214,708	15.6	33,494
1975	65,770	4.1	269,657	31.5	84,942
1976	75,108	4.1	307,943	26.7	82,221
1977	89,140	4.0	352,560	25.2	88,845
1978	99,300	4.0	397,200	27.3	108,436
1979	109,206	4.1	447,745	27.5	123,130
1980	111,553	4.0	446,212	28.5	127,170
1981	115,058	4.0	460,232	30.0	138,070
1982	114,889	4.1	471,045	27.0	127,182
1983	102,642	4.1	420,832	28.0	117,833
1984	89,435	4.1	366,684	33.0	121,006
1985	94,696	4.2	397,723	31.0	123,294
1986	101,907	4.2	428,009	32.0	136,963

1/ Beginning with 1970 marketing year ends November 30.

PENNSYLVANIA: EGGS - NUMBER PRODUCED, PRICE, AND VALUE OF PRODUCTION, 1960-1986

Year	Number Produced	Price Per Dozen	Value of Production
	Million	Cents/Doz.	Thous. Dols.
1960	3,529	40.9	120,280
1965	3,392	36.1	102,043
1970 1/	3,220	40.9	109,748
1975	2,800	51.2	119,467
1976	2,701	56.8	127,847
1977	2,960	53.7	132,460
1978	3,436	49.3	141,163
1979	3,836	55.7	178,055
1980	4,251	51.0	180,668
1981	4,268	60.0	213,400
1982	4,324	58.0	208,993
1983	4,716	59.0	231,871
1984	4,282	72.0	256,920
1985	4,774	55.0	218,808
1986	4,692	59.0	230,690

1/ Beginning with 1970 marketing year ends November 30.

PENNSYLVANIA: TURKEYS - HATCHED, RAISED AND VALUE, 1960-1986

Year	Total Hatched	Number Raised 1/	Average Liveweight	Pounds Produced	Price Per Pound	Value Of Production
	Thousand		Pounds	Thousand	Cents	Thous. Dols.
1960	1,436	1,605	18.8	30,136	30.8	9,282
1965	1,377	1,750	19.0	33,218	26.5	8,803
1970	1,633	2,266	19.6	44,414	25.4	11,274
1974	2,254	2,951	19.0	56,069	33.5	18,783
1975	2,344	2,838	19.0	53,922	37.3	20,113
1976	2,256	3,695	19.0	70,205	38.0	26,678
1977	2,598	3,567	19.0	67,773	40.2	27,245
1978	1,876	3,450	18.0	62,100	47.4	29,435
1979	2,289	4,740	18.0	85,320	46.0	39,247
1980	2,320	5,510	17.0	93,670	45.0	42,152
1981	2,947	5,680	19.0	107,920	45.0	48,564
1982	3,155	5,300	19.0	100,700	47.0	47,329
1983	3,729	6,800	19.0	129,200	47.0	60,724
1984	3,565	6,100	18.0	109,800	59.0	64,782
1985	4,054	7,100	19.0	134,900	50.0	67,450
1986	4,349	7,800	20.0	156,000	51.0	79,560

1/ Includes poults shipped into Pennsylvania.

MINK - 1986

BY NORMAN W. BENNETT

Pennsylvania mink ranchers produced 138,100 pelts in 1986 compared with 137,500 pelts in 1985. Demi-Buff remained the most common color with 20 percent of the total pelts produced followed by: Gun-Metal, 13 percent; Standard, 12 percent; Pastel 8 percent; Sapphire, 8 percent; and Pink, 8 percent.

The number of females bred to produce kits in 1987 totaled 40,100. Females bred as a percent of total for the major color classes were: Demi-Buff, 17 percent; Gun-Metal, 17 percent; Standard 16 percent; Sapphire, 11 percent and Ranch Wild, 7 percent.

In 1986, United States mink pelt production totaled 4.08 million pelts. This total is 1 percent less than the 4.17 million pelts produced in 1985. Wisconsin, the major mink state, produced 1.13 million pelts during the year.

By color class, the number of pelts as a percent of the total U.S. production was: Standard, 39.5 percent; Demi-Buff, 14.0 percent; Ranch Wild, 10.2 percent; Mahogany, 9.0 percent; Pastel, 7.1 percent; Gun Metal, 5.4 percent and White, 3.5 percent. The remaining color classes accounted for 11.3 percent.

Females bred to produce kits in 1987 totaled 1.07 million, down 1 percent from 1986. Bred females for the two major color classes were: Standard, 498 thousand and Demi-Buff, 120 thousand.

Females bred in the leading States are: Wisconsin, 295 thousand; Minnesota, 140 thousand and Utah, 138 thousand.

PENNNSYLVANIA: MINK PELTS PRODUCED AND FEMALES BRED, BY-COLOR CLASS, 1984-1987

Color Class	Pelts Produced			Females Bred To Produce Kits		
	1984	1985	1986	1985	1986	1987
Standard	2/	15,600	16,100	2/	5,000	6,400
Ranch Wild	5,600	19,600	9,200	2,000	1,700	2,900
Demi-Buff 1/	30,300	21,200	27,600	7,400	7,200	6,600
Pastel	20,600	14,100	11,200	5,300	2,800	2,600
Pale Brown	450	2/	-	-	2/	-
Sapphire	15,700	13,500	11,600	5,000	4,000	4,200
Gunmetal	8,700	13,000	18,500	4,000	6,100	6,600
Mahogany	2/	2/	2/	2/	2/	2/
Pearl	16,700	2/	6,200	3,800	2,100	1,900
Pink	12,900	11,400	10,300	3,800	2,800	2,900
Violet Type	19,100	11,100	6,900	4,200	2,100	1,600
White	2/	2/	2/	2/	2/	2/
Misc. & Unclassified	-	3,100	3,200	2/	400	500
PENNSYLVANIA TOTAL	158,600	137,500	138,100	42,400	39,100	40,100

1/ This color class includes demi-buff, dark brown, violet, pastel, standard and pearl crosses and others.
2/ Included in total to avoid disclosing individual operations.

MINK RANCHES, PELTS PRODUCED, AND FEMALES BRED, MAJOR STATES, 1984-1987

State	Ranches Producing Pelts			Pelts Produced			Females Bred To Produce Kits In		
	1984	1985	1986	1984	1985	1986	1985	1986	1987
Georgia	13	11	6	30,200	24,400	25,800	11,000	6,900	8,200
Idaho	47	44	44	245,300	251,700	244,700	62,900	61,600	57,500
Illinois	26	24	21	205,400	184,500	189,000	45,200	47,300	44,200
Indiana	11	11	8	20,300	19,400	17,100	5,800	4,800	4,400
Iowa	44	36	35	155,700	147,800	152,600	46,200	42,600	43,400
Massachusetts	10	8	8	15,600	13,900	11,800	4,000	3,200	3,900
Michigan	56	53	51	167,500	166,500	154,500	42,400	40,400	43,500
Minnesota	156	160	155	591,600	571,200	568,000	146,900	146,300	139,800
New York	38	31	30	107,000	108,700	104,000	26,200	27,300	25,100
Ohio	43	36	27	143,800	137,200	113,000	39,200	32,800	33,000
Oregon	33	40	41	182,000	215,000	237,000	49,000	57,000	59,000
Pennsylvania	**48**	**47**	**41**	**158,600**	**137,500**	**138,100**	**42,400**	**39,100**	**40,100**
South Dakota	14	16	12	105,100	102,300	106,000	27,900	23,500	26,500
Utah	159	132	121	487,500	501,700	479,400	148,300	144,300	137,600
Washington	37	45	42	216,500	226,000	217,300	52,500	55,000	57,200
Wisconsin	241	235	228	1,188,800	1,179,300	1,132,800	313,300	291,200	294,900
All Other States	108	113	107	198,600	183,400	186,500	52,200	50,100	47,000
U.S. TOTAL	1,084	1,042	977	4,219,500	4,170,500	4,077,600	1,115,400	1,073,400	1,065,300

HONEY PRODUCTION-1986

BY NORMAN W. BENNETT

Pennsylvania honey production for 1986 (producers with five or more hives) amounted to 1.6 million pounds. There were an estimated 50,000 colonies reported statewide with an average yield of 32 pounds per colony. Total stocks of honey, as of December 15, 1986, were 624,000 pounds. The average price per pound was 48 cents with a total value of 768,000 dollars for Pennsylvania production.

Nationally, honey production for 1986 (producers with five or more hives) amounted to 200 million pounds. The leading state in honey production was North Dakota with 31 million pounds of production while the state of California lead in total colonies of bees with an estimated 520,000 colonies. The number of colonies, 3.21 million, contains duplication by multistate operators. The data as collected were not sufficient to allow duplication between states to be removed. The yield per colony was 62.5 pounds. Conditions for production ranged from very poor with no surplus honey to excellent. Stocks were 27.2 million pounds or 13.6 percent of production.

Prices for the 1986 honey crop averaged 51.3 cents per pound. Prices are based on sales to private processors, co-ops, and retail sales by producers. Higher prices for the amber honeys reflect the larger proportions of retail sales relative to the white honey classes. All government payments and loans are excluded.

PENNSYLVANIA: HONEY, PRODUCTION AND VALUE, 1966-1986

Year	Colonies Of Bees	Yield Per Colony	Production	Price Per Pound	Total Value	Stocks On Hand 1/
	Thousand	Pounds	Thousand Pounds	Dollars	Thous. Dollars	Thousand Pounds
1966	117	32	3,744	.224	839	1,198
1967	113	29	3,277	.202	662	950
1968	110	28	3,080	.212	653	1,016
1969	108	31	3,348	.216	723	1,440
1970	96	39	3,744	.202	756	1,385
1971	89	40	3,560	.252	897	1,566
1972	92	41	3,772	.338	1,275	981
1973	95	40	3,800	.443	1,683	1,330
1974	100	21	2,100	.594	1,247	735
1975	86	25	2,150	.589	1,266	645
1976	93	31	2,883	.615	1,773	923
1977	93	31	2,883	.656	1,891	865
1978	78	31	2,418	.653	1,579	725
1979	74	41	3,034	.643	1,951	1,001
1980	80	41	3,280	.700	2,296	1,181
1981	85	30	2,550	.831	2,119	955
1986 2/	50	32	1,600	.480	768	624

1/ Stocks on hand December 15 for sale. 2/ Survey discontinued after 1981 and reinstated in 1986.

PENNSYLVANIA AND MAJOR STATES: NUMBER OF COLONIES, PRODUCTION, STOCKS, AND VALUE - 1986

State	Colonies Of Bees	Yield Per Colony	Production	Stocks December 15	Value Of Production
	Thous. Colonies	Pounds	Thousand Pounds		Thous. Dollars
Pennsylvania	**50**	**32**	**1,600**	**624**	**768**
Arizona	77	50	3,850	693	1,964
California	520	52	27,040	3,515	14,872
Colorado	41	78	3,198	480	1,823
Florida	290	75	21,750	2,828	11,528
Georgia	115	41	4,715	377	2,452
Idaho	100	45	4,500	540	2,115
Kansas	47	85	3,995	519	2,197
Michigan	80	56	4,480	851	2,195
Minnesota	136	78	10,608	636	4,880
Montana	110	64	7,040	211	3,379
Nebraska	100	76	7,600	532	3,496
North Dakota	290	107	31,030	1,862	13,653
South Dakota	201	113	22,713	5,224	10,675
Texas	117	62	7,254	798	3,917
Wisconsin	85	50	4,250	893	2,253
U.S. TOTAL	**3,205**	**62.5**	**200,394**	**27,181**	**103,151**

CROP PRODUCTION - 1986

BY BLAIR L. SMITH

1986 CROP SUMMARY: A cold and wet early spring turned into a warm and dry late spring, allowing Pennsylvania's farmers to get an early start on their spring plowing and planting activities. Spring plowing was completed by late May, the same progress as the previous year and about a week ahead of the five-year average. Oats planting, as with most of the spring planted crops, started and ended early, being virtually complete by the third week of May, about two weeks ahead of the five-year normal. Potato planting was about a week behind 1985's progress but a week ahead of normal planting progress and was completed by the first week of June. Corn planting progressed at the same rate as the previous year which was ahead of the normal rate. Soybean planting started very early but finished about normal in early July.

Topsoil moisture ratings across the state changed between short and adequate for most of the season. The growing season started with reports mostly indicating adequate ratings. Three weeks into the reporting season most of our survey respondents rated moisture supplies short. From that point until late July, ratings changed between short and adequate every two or three weeks. From late July to early September, topsoil moisture was rated adequate. Things dried out again for a couple weeks in mid-September and then finished the season off with an adequate rating.

Below normal precipitation occurred in June and July as the wheat and barley harvest got underway. The barley harvest began about the same time as it did in 1985 which was in mid-June. The wheat harvest began around the first of July, also about the same time as the previous year. The barley and wheat harvest ended a few days later than the previous year's, about the first and second week of August, respectively.

Potato harvest began around the first of August, about a week ahead of normal. Potato harvest was completed by the fourth week of October, about the same progress as normal. Corn harvest for ensilage began ahead of the previous year and ahead of normal in early August. Corn harvest for grain also began earlier than the previous year and over a week ahead of normal. Grain harvest ended in early December, about normal. Tobacco harvest began the second week of August and was completed by the third week of September, a few days earlier than normal. Soybean harvest started a week early, by the third week of September and ended about normal, by the fourth week of November. Fall plowing began in mid-August, a week later than 1985, and ended around the first of November.

SMALL GRAINS: Pennsylvania's 1986 production of oats, wheat, barley, and rye was below the previous year's level. Contributing mostly to the decreased production were yields that were lower than the record yields of 1985 for all four crops.

Production of winter wheat was 9,680,000 bushels, 4 percent below the 1985 crop. Acres harvested totaled 220,000, 5 percent less than the previous year. Yield per harvested acre was 44 bushels, 4 bushels less than 1985. Oats production was 16,740,000 bushels, down 20 percent from 1985. Acres harvested were a record low 270,000, down 10 percent and yield was 62 bushels per acre compared to 70 the previous year. Total production of barley in 1986 was 3,900,000 bushels, down 10 percent from the previous year. Acreage harvested was 65,000, down 5,000 from a year earlier and yield was 60 bushels per acre, 2 less than 1985. Rye production was 630,000 bushels, down 15 percent from a year earlier. Acreage harvested was 18,000, 2,000 less than 1985. Yield averaged 35 bushels per acre, 2 bushels lower than 1985.

CORN: Pennsylvania's corn for grain production in 1986 totaled 127,720,000 bushels, down 16 percent from 1985's record crop. Acres harvested were 1,240,000, 10 percent lower than the previous year's. Yield was 103 bushels per acre, down from 1985's record yield of 110.

Corn silage production of 6,300,000 tons was 3 percent lower than a year earlier. Acres harvested were 420,000, 6 percent above 1985. Yield per harvested acre was 15.0 tons, down 1.5 tons from 1985's record yield.

HAY: All hay production in 1986 totaled 5,124,000 tons, down 3 percent from the previous year's record crop and is the second largest crop on record. Total acres of hay harvested was 2,000,000, up 10,000 acres from 1985. The average yield was 2.56 tons per acre, down 4 percent from the previous year's record yield. Alfalfa hay production was 2,688,000 tons, down 3 percent from 1985's record crop and was the second largest crop on record. A total of 840,000 acres was harvested, equal to the previous year and yield was 3.20 tons, 0.10 ton lower than 1985's record yield. Other hay production was 2,436,000 tons, 4 percent below the previous year's record crop and was the second largest crop on record. A total of 1,160,000 acres were harvested, up 1 percent from a year earlier and 2.10 tons per acre were harvested.

SOYBEANS: Soybean production for 1986 was 5,600,000 bushels, 6 percent lower than the record crop of a year earlier. Acres harvested totaled 160,000 with an average yield of 35 bushels per acre.

POTATOES: Total production in 1986 was 5,160,000 cwt., down 10 percent from the previous year. Acres harvested were 21,500, down 500 acres from a year earlier. The average yield was 240 cwt. per acre, down 20 cwt. from 1985's record yield.

TOBACCO: The state's farm operators produced a total of 21,830,000 pounds of tobacco in 1986, down 70,000 pounds from a year earlier. Total acres harvested were 11,000, down 500 from the previous year. The average yield was 1,985 pounds per acre, up 4 percent from the previous year's yield. Of the total tobacco production, 15,200,000 pounds was Pennsylvania Seedleaf Type and 6,630,000 pounds was Maryland Type. Pennsylvania's farmers harvested 7,600 acres of Pennsylvania Seedleaf Type with an average yield of 2,000 pounds per acre. Maryland Type was harvested from 3,400 acres with an average yield of 1950 pounds per acre.

PENNSYLVANIA: SUMMARY OF PRINCIPAL CROPS HARVESTED IN 1986

Crop	Acres Harvested	Production 1/			Value 2/	
		Unit	Per Acre	Total	Per Unit	Total
				Thous.	Dols.	Thous. Dols.
Wheat	220,000	Bu.	44	9,680	2.65	25,652
Rye	18,000	Bu.	35	630	2.20	1,386
Oats	270,000	Bu.	62	16,740	1.10	18,414
Barley	65,000	Bu.	60	3,900	1.30	5,070
Soybeans	160,000	Bu.	35	5,600	4.65	26,040
Corn, For Grain	1,240,000	Bu.	103	127,720	1.80	229,896
Corn, For Silage	420,000	Ton	15.0	6,300	19.00	119,700
Hay, All	2,000,000	Ton	2.56	5,124	77.50	397,110
Hay, Alfalfa	840,000	Ton	3.20	2,688	-	-
Hay, Other	1,160,000	Ton	2.10	2,436	-	-
Potatoes	21,500	Cwt.	240	5,160	6.40	33,024
Tobacco--All	11,000	Lb.	1,985	21,830	.67	14,673
Mushrooms 3/	-	Lb.	-	256,160	.67	170,705
Strawberries	1,400	Cwt.	34	48	87.30	4,190
Fresh Vegetables:						
Sweet Corn	16,600	Cwt.	48	797	15.20	12,114
Tomatoes	4,200	Cwt.	145	609	17.20	10,475
Processing Vegetables 4/:	12,800	Ton	-	73.7	-	6,411
Snap Beans	4,500	Ton	1.99	9.0	186.00	1,667
Sweet Corn	3,500	Ton	3.29	11.5	50.30	579
Tomatoes	2,900	Ton	17.62	51.1	72.50	3,705
Pears	-	Ton	-	3.00	317.00	950
Cherries, Sweet	-	Ton	-	1.00	1,270.00	1,270
Grapes	-	Ton	-	60.00	180.00	10,810
				Million Pounds		
Apples	-	Lb.	-	620	.083	51,252
Peaches	-	Lb.	-	100.0	.182	16,179
Cherries, Tart	-	Lb.	-	12.0	.253	3,040
TOTAL: ALL CROPS	-		-	-	-	1,160,361

1/ Excludes some quantities of vegetables and fruit not harvested or not marketed because of economic conditions and excess cullage of fruit. 2/ Includes allowance for loans outstanding and purchases by government valued at average loan and purchase rates. 3/ 1985 production year ending June 30, 1986. 4/ Includes some unlisted crops.

PENNSYLVANIA: ACREAGE, YIELD, PRODUCTION, DISPOSITION AND VALUE OF GRAINS AND HAY, 1960-1986

Year	Acres		Production		Season Average Price Per Unit	Value Of Production
	Planted	Harvested	Per Acre	Total		
	Thousand		Bushel	Thous. Bu.	$/Bu.	Thous. Dols.
			Winter Wheat			
1960	546	535	29.5	15,782	1.67	26,356
1970	286	275	33.0	9,075	1.42	12,887
1980	260	250	37.0	9,250	4.10	37,925
1982	235	228	36.0	8,208	3.25	26,676
1983	210	200	38.0	7,600	3.65	27,740
1984	230	220	38.0	8,360	3.60	30,096
1985	220	210	48.0	10,080	3.05	30,744
1986	230	220	44.0	9,680	2.65	25,652
			Oats			
1960	684	653	42.5	27,752	.74	20,536
1970	420	395	57.0	22,515	.78	17,562
1980	360	340	56.0	19,040	2.13	40,555
1982	360	335	59.0	19,765	1.74	34,391
1983	330	300	54.0	16,200	1.89	30,618
1984	300	280	57.0	15,960	1.94	30,962
1985	320	300	70.0	21,000	1.26	26,460
1986	290	270	62.0	16,740	1.10	18,414
			Barley			
1960	172	168	45.0	7,560	.92	6,955
1970	180	172	50.0	8,600	.96	8,256
1980	80	75	50.0	3,750	2.89	10,838
1982	70	65	52.0	3,380	1.95	6,591
1983	70	65	55.0	3,575	2.20	7,865
1984	75	70	52.0	3,640	2.45	8,918
1985	75	70	62.0	4,340	1.60	6,944
1986	70	65	60.0	3,900	1.30	5,070
			Soybeans			
1960	26	7	23.0	161	2.10	336
1970	30	28	32.0	896	2.90	2,598
1980	135	130	24.5	3,185	7.60	24,206
1982	143	135	31.0	4,185	5.45	22,808
1983	152	145	24.0	3,480	7.80	27,144
1984	175	170	35.0	5,950	5.84	34,748
1985	175	170	35.0	5,950	4.76	28,322
1986	165	160	35.0	5,600	4.65	26,040
			Corn For Grain			
1960	1,202	923	67.0	61,841	1.22	75,446
1970	1,260	914	89.0	81,346	1.51	122,832
1980	1,800	1,280	75.0	96,000	3.62	347,520
1982	1,820	1,300	97.0	126,100	2.73	344,253
1983	1,600	1,050	69.0	72,450	3.75	271,688
1984	1,780	1,350	110.0	148,500	2.83	420,255
1985	1,780	1,380	110.0	151,800	2.48	376,464
1986	1,670	1,240	103.0	127,720	1.80	229,896
			Corn For Silage			
			Tons	Thous. Tons	$/Ton	
1960	-	260	11.5	2,990	8.50	25,415
1970	-	318	15.5	4,929	10.50	51,755
1980	-	498	12.6	6,275	22.50	141,188
1982	-	490	15.2	7,448	24.00	178,752
1983	-	530	10.5	5,565	27.20	151,368
1984	-	420	16.5	6,930	26.30	182,259
1985	-	395	16.5	6,518	23.70	154,477
1986	-	420	15.0	6,300	19.00	119,700
			All Hay			
1960	-	2,087	1.91	3,991	24.30	96,981
1970	-	2,069	2.18	4,511	30.00	135,330
1980	-	1,950	2.14	4,182	75.00	313,650
1982	-	2,000	2.42	4,840	89.00	430,760
1983	-	1,970	2.35	4,620	98.00	452,760
1984	-	1,980	2.57	5,082	85.00	431,970
1985	-	1,990	2.66	5,302	67.50	357,885
1986	-	2,000	2.56	5,124	77.50	397,110

PENNSYLVANIA: GRAIN AND HAY STOCKS BY POSITIONS, QUARTERLY 1984-1987

Year And Quarter	On-Farms	Off-Farms 1/	Total All Positions
	Thousand Bushels		
	All Wheat		
1984: Jan. 1	1,140	3,974	5,114
Apr. 1	684	2,950	3,634
Jun. 1	380	1,624	2,004
Oct. 1	2,174	5,808	7,982
1985: Jan. 1	1,254	4,431	5,685
Apr. 1	836	3,419	4,255
Jun. 1	334	1,717	2,051
Oct. 1	3,326	8,198	11,524
1986: 2/ Jan. 1	1,613	5,461	7,074
Apr. 1	3/	3,349	3/
Jun. 1	3/	1,730	3/
Oct. 1	3/	6,186	3/
1987: Mar. 1	3/	3,914	3/
	Oats 4/		
1984: Jan. 1	9,072	688	9,760
Apr. 1	5,832	637	6,469
Jun. 1	3,888	752	4,640
Oct. 1	11,172	1,847	13,019
1985: Jan. 1	9,895	1,023	10,918
Apr. 1	7,182	815	7,997
Jun. 1	5,267	791	6,058
Oct. 1	15,540	1,720	17,260
1986: Jan. 1	12,600	1,363	13,963
Jun. 1	7,770	900	8,670
	Barley 4/		
1984: Jan. 1	1,073	407	1,480
Apr. 1	751	95	846
Jun. 1	465	135	600
Oct. 1	1,638	786	2,424
1985: Jan. 1	1,092	383	1,475
Apr. 1	655	231	886
Jun. 1	400	146	546
Oct. 1	2,127	565	2,692
1986: Jan. 1	1,085	507	1,592
Jun. 1	3/	175	3/
	Corn		
1984: Jan. 1	49,991	5,727	55,718
Apr. 1	40,572	4,801	45,373
Jun. 1	26,082	3,491	29,573
Oct. 1	3,623	1,760	5,383
1985: Jan. 1	102,465	8,988	111,453
Apr. 1	77,220	7,345	84,565
Jun. 1	50,490	4,594	55,084
Oct. 1	20,790	2,231	23,021
1986: Jan. 1	98,670	7,370	106,040
Apr. 1	75,900	5,130	81,030
Jun. 1	57,684	5,045	62,729
Sept. 1	27,000	3,068	30,068
Dec. 1	120,000	9,535	129,535
1987: Mar. 1	89,000	8,013	97,013
	Thousand Tons		
	Hay		
1984: Jan. 1	2,818	-	2,818
May 1	554	-	554
1985: Jan. 1	3,456	-	3,456
May 1	966	-	966
1986: Jan. 1	3,552	-	3,552
Dec. 1	3,741	-	3,741
1987: May 1	1,113	-	1,113

1/ Includes stocks at mills, elevators, warehouses, terminals, processors and CCC-owned grain at bin sites. 2/ After April 1, the quarterly reference dates for on-farm and off-farm stocks were changed from October 1 to September 1, January 1 to December 1, and April 1 to March 1. 3/ No separate estimates available for Pennsylvania. 4/ Quarterly estimates discontinued. June 1 stocks represent end of market year stocks.

PENNSYLVANIA: CORN FOR GRAIN - ACREAGE, YIELD, PRODUCTION AND VALUE - 1986

County & District	Acres Harvested	Yield	Production	Value of Production
	Acres	Bushels	Bushels	Dollars
Crawford	21,500	97.0	2,085,500	3,753,900
Erie	14,000	98.0	1,372,000	2,469,600
Forest	300	104.0	31,200	56,200
Mercer	23,100	112.0	2,587,200	4,657,000
Venango	3,800	93.0	353,400	636,100
Warren	1,200	102.0	122,400	220,300
NORTHWESTERN, TOTAL	**63,900**	**102.5**	**6,551,700**	**11,793,100**
Bradford	16,000	108.0	1,728,000	3,110,400
Cameron	100	102.0	10,200	18,400
Clinton	12,200	106.0	1,293,200	2,327,800
Elk	600	95.0	57,000	102,600
Lycoming	32,300	105.0	3,391,500	6,104,700
McKean	400	101.0	40,400	72,700
Potter	1,800	105.0	189,000	340,200
Sullivan	1,600	96.0	153,600	276,500
Tioga	10,500	110.0	1,155,000	2,079,000
NORTH CENTRAL, TOTAL	**75,500**	**106.2**	**8,017,900**	**14,432,300**
Lackawanna	900	117.0	105,300	189,500
Susquehanna	2,900	108.0	313,200	563,800
Wayne	1,900	104.0	197,600	355,700
Wyoming	3,400	104.0	353,600	636,500
NORTHEASTERN, TOTAL	**9,100**	**106.6**	**969,700**	**1,745,500**
Armstrong	12,600	116.0	1,461,600	2,630,900
Beaver	5,000	116.0	580,000	1,044,000
Butler	17,200	119.0	2,046,800	3,684,200
Clarion	8,800	115.0	1,012,000	1,821,600
Indiana	25,700	111.0	2,852,700	5,134,900
Jefferson	7,900	107.0	845,300	1,521,500
Lawrence	20,800	117.0	2,433,600	4,380,500
WEST CENTRAL, TOTAL	**98,000**	**114.6**	**11,232,000**	**20,217,600**
Blair	16,200	98.0	1,587,600	2,857,700
Cambria	8,100	104.0	842,400	1,516,300
Centre	27,500	113.0	3,107,500	5,593,500
Clearfield	5,000	117.0	585,000	1,053,000
Columbia	26,800	101.0	2,706,800	4,872,200
Dauphin	32,000	97.0	3,104,000	5,587,200
Huntingdon	19,200	116.0	2,227,200	4,009,000
Juniata	12,600	110.0	1,386,000	2,494,800
Mifflin	14,100	109.0	1,536,900	2,766,400
Montour	8,500	111.0	943,500	1,698,300
Northumberland	34,500	112.0	3,864,000	6,955,200
Perry	20,400	101.0	2,060,400	3,708,700
Snyder	25,400	99.0	2,514,600	4,526,300
Union	18,100	112.0	2,027,200	3,649,000
CENTRAL, TOTAL	**268,400**	**106.2**	**28,493,100**	**51,287,600**
Carbon	2,100	99.0	207,900	374,200
Lehigh	32,000	101.0	3,232,000	5,817,600
Luzerne	8,400	102.0	856,800	1,542,200
Monroe	5,000	100.0	500,000	900,000
Northampton	38,500	116.0	4,466,000	8,038,800
Pike	700	98.0	68,600	123,500
Schuylkill	23,800	102.0	2,427,600	4,369,700
EAST CENTRAL, TOTAL	**110,500**	**106.4**	**11,758,900**	**21,166,000**
Allegheny	1,900	108.0	205,200	369,400
Fayette	13,400	118.0	1,581,200	2,846,200
Greene	2,200	117.0	257,400	463,300
Somerset	19,800	108.0	2,138,400	3,849,100
Washington	13,300	114.0	1,516,200	2,729,200
Westmoreland	18,000	114.0	2,052,000	3,693,600
SOUTHWESTERN, TOTAL	**68,600**	**113.0**	**7,750,400**	**13,950,800**
Adams	39,900	72.0	2,872,800	5,171,000
Bedford	20,700	80.0	1,656,000	2,980,800
Cumberland	48,000	97.0	4,656,000	8,380,800
Franklin	46,700	84.0	3,922,800	7,061,000
Fulton	10,800	75.0	810,000	1,458,000
York	77,600	76.0	5,897,600	10,615,700
SOUTH CENTRAL, TOTAL	**243,700**	**81.3**	**19,815,200**	**35,667,300**
Berks	71,600	102.0	7,303,200	13,145,800
Bucks	20,000	103.0	2,060,000	3,708,000
Chester	46,400	102.0	4,732,800	8,519,000
Delaware	1,200	109.0	130,800	235,400
Lancaster	121,000	119.0	14,399,000	25,918,100
Lebanon	30,100	113.0	3,401,300	6,122,300
Montgomery	12,000	92.0	1,104,000	1,987,200
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**302,300**	**109.6**	**33,131,100**	**59,635,800**
PENNSYLVANIA	**1,240,000**	**103.0**	**127,720,000**	**229,896,000**

PENNSYLVANIA: CORN FOR SILAGE - ACREAGE, YIELD, PRODUCTION AND VALUE - 1986

County & District	Acres Harvested	Yield	Production	Value of Production
	Acres	Tons	Tons	Dollars
Crawford	6,800	12.3	83,600	1,588,400
Erie	5,200	12.0	62,400	1,185,600
Forest	200	14.5	2,900	55,100
Mercer	5,200	14.4	74,900	1,423,100
Venango	1,100	14.4	15,800	300,200
Warren	4,100	11.8	48,400	919,600
NORTHWESTERN, TOTAL	**22,600**	**12.7**	**288,000**	**5,472,000**
Bradford	20,800	14.0	291,200	5,532,800
Cameron	100	14.4	1,400	26,600
Clinton	1,700	18.3	31,100	590,900
Elk	500	9.2	4,600	87,400
Lycoming	4,800	16.4	78,700	1,495,300
McKean	1,200	15.9	19,100	362,900
Potter	6,000	13.0	78,000	1,482,000
Sullivan	3,000	13.4	40,200	763,800
Tioga	9,800	12.9	126,400	2,401,600
NORTH CENTRAL, TOTAL	**47,900**	**14.0**	**670,700**	**12,743,300**
Lackawanna	2,000	13.3	26,600	505,400
Susquehanna	9,700	16.0	155,200	2,948,800
Wayne	4,400	14.7	64,700	1,229,300
Wyoming	5,100	15.0	76,500	1,453,500
NORTHEASTERN, TOTAL	**21,200**	**15.2**	**323,000**	**6,137,000**
Armstrong	2,500	17.9	44,800	851,200
Beaver	800	12.1	9,700	184,300
Butler	4,800	14.7	70,600	1,341,400
Clarion	2,100	14.2	29,800	566,200
Indiana	4,900	14.9	73,000	1,387,000
Jefferson	2,400	12.5	30,000	570,000
Lawrence	4,000	12.7	50,800	965,200
WEST CENTRAL, TOTAL	**21,500**	**14.4**	**308,700**	**5,865,300**
Blair	9,900	14.7	145,500	2,764,500
Cambria	3,500	13.3	46,600	885,400
Centre	6,600	12.5	82,500	1,567,500
Clearfield	1,800	12.0	21,600	410,400
Columbia	2,900	14.8	42,900	815,100
Dauphin	4,600	13.2	60,700	1,153,300
Huntingdon	8,600	15.0	129,000	2,451,000
Juniata	4,200	17.0	71,400	1,356,600
Mifflin	7,800	16.4	127,900	2,430,100
Montour	1,600	16.4	26,200	497,800
Northumberland	3,900	17.2	67,100	1,274,900
Perry	4,100	15.4	63,100	1,198,900
Snyder	3,400	13.5	45,900	872,100
Union	3,000	16.0	48,000	912,000
CENTRAL, TOTAL	**65,900**	**14.8**	**978,400**	**18,589,600**
Carbon	300	14.0	4,200	79,800
Lehigh	900	12.9	11,600	220,400
Luzerne	2,600	16.2	42,100	799,900
Monroe	500	12.5	6,300	119,700
Northampton	3,400	15.1	51,300	974,700
Pike	100	14.5	1,500	28,500
Schuylkill	2,500	17.6	44,000	836,000
EAST CENTRAL, TOTAL	**10,300**	**15.6**	**161,000**	**3,059,000**
Allegheny	400	14.4	5,800	110,200
Fayette	2,100	14.5	30,500	579,500
Greene	1,200	15.2	18,200	345,800
Somerset	13,400	15.8	211,700	4,022,300
Washington	3,300	14.4	47,500	902,500
Westmoreland	3,800	14.1	53,600	1,018,400
SOUTHWESTERN, TOTAL	**24,200**	**15.2**	**367,300**	**6,978,700**
Adams	7,600	11.1	84,400	1,603,600
Bedford	14,400	13.2	190,100	3,611,900
Cumberland	14,600	14.1	205,900	3,912,100
Franklin	34,000	12.0	408,000	7,752,000
Fulton	3,500	10.3	36,100	685,900
York	14,200	12.6	178,900	3,399,100
SOUTH CENTRAL, TOTAL	**88,300**	**12.5**	**1,103,400**	**20,964,600**
Berks	17,900	14.8	264,900	5,033,100
Bucks	3,800	15.8	60,000	1,140,000
Chester	13,100	17.9	234,500	4,455,500
Delaware	200	15.6	3,100	58,900
Lancaster	66,600	18.8	1,252,000	23,788,000
Lebanon	13,700	18.1	248,000	4,712,000
Montgomery	2,800	13.2	37,000	703,000
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**118,100**	**17.8**	**2,099,500**	**39,890,500**
PENNSYLVANIA	**420,000**	**15.0**	**6,300,000**	**119,700,000**

PENNSYLVANIA: ALFALFA AND OTHER HAY - ACREAGE, YIELD AND PRODUCTION - 1986

County & District	Alfalfa Hay			Other Hay		
	Acreage Harvested	Yield	Production	Acreage Harvested	Yield	Production
	Acres	Tons	Tons	Acres	Tons	Tons
Crawford	16,800	3.10	52,100	47,700	2.50	119,300
Erie	8,100	2.90	23,500	29,400	2.20	64,700
Forest	900	2.80	2,500	1,100	1.90	2,100
Mercer	15,000	3.00	45,000	23,000	2.30	52,900
Venango	4,600	3.10	14,300	9,700	2.10	20,400
Warren	5,100	2.90	14,800	12,400	2.00	24,800
NORTHWESTERN, TOTAL	**50,500**	**3.01**	**152,200**	**123,300**	**2.30**	**284,200**
Bradford	42,000	2.70	113,400	73,000	1.90	138,700
Cameron	100	2.00	200	500	1.80	900
Clinton	5,500	3.20	17,600	5,700	1.90	10,800
Elk	1,800	2.90	5,200	2,500	2.20	5,500
Lycoming	15,700	2.90	45,500	17,300	2.00	34,600
McKean	2,200	2.90	6,400	7,400	1.60	11,800
Potter	10,700	2.30	24,600	17,800	1.90	33,800
Sullivan	2,900	3.00	8,700	8,100	2.00	16,200
Tioga	22,500	2.80	63,000	59,500	1.80	107,100
NORTH CENTRAL, TOTAL	**103,400**	**2.75**	**284,600**	**191,800**	**1.87**	**359,400**
Lackawanna	3,800	2.90	11,000	15,200	1.70	25,800
Susquehanna	14,200	2.60	36,900	49,800	2.30	114,500
Wayne	6,500	2.90	18,900	44,500	2.10	93,500
Wyoming	8,200	3.00	24,600	14,300	2.20	31,500
NORTHEASTERN, TOTAL	**32,700**	**2.80**	**91,400**	**123,800**	**2.14**	**265,300**
Armstrong	15,900	2.70	42,900	17,600	1.80	31,700
Beaver	8,700	3.50	30,500	7,800	2.00	15,600
Butler	18,900	3.40	64,300	21,100	2.60	54,900
Clarion	9,400	3.10	29,100	18,100	2.30	41,600
Indiana	17,100	2.90	49,600	19,900	2.20	43,800
Jefferson	12,800	2.40	30,700	14,700	2.00	29,400
Lawrence	10,000	3.50	35,000	10,000	2.60	26,000
WEST CENTRAL, TOTAL	**92,800**	**3.04**	**282,100**	**109,200**	**2.23**	**243,000**
Blair	16,200	3.40	55,100	9,300	2.00	18,600
Cambria	7,000	3.30	23,100	14,500	2.10	30,500
Centre	23,000	3.50	80,500	18,000	2.40	43,200
Clearfield	8,600	2.80	24,100	12,900	1.60	20,600
Columbia	8,200	3.30	27,100	13,300	2.20	29,300
Dauphin	9,800	3.60	35,300	12,700	2.10	26,700
Huntingdon	16,100	3.10	49,900	15,900	2.30	36,600
Juniata	11,200	3.50	39,200	8,500	2.40	20,400
Mifflin	13,600	3.20	43,500	7,400	2.30	17,000
Montour	4,100	3.10	12,700	3,900	2.00	7,800
Northumberland	7,600	2.90	22,000	10,900	2.20	24,000
Perry	14,600	3.30	48,200	13,900	2.30	32,000
Snyder	10,400	3.40	35,400	10,100	2.40	24,200
Union	9,600	3.30	31,700	5,900	2.50	14,600
CENTRAL, TOTAL	**160,000**	**3.30**	**527,800**	**157,200**	**2.20**	**345,700**
Carbon	1,200	3.10	3,700	3,800	2.20	8,400
Lehigh	7,800	3.20	25,000	8,200	1.90	15,600
Luzerne	5,800	3.10	18,000	8,700	2.00	17,400
Monroe	1,500	2.90	4,400	4,700	2.20	10,300
Northampton	14,500	3.50	50,800	4,000	2.40	9,600
Pike	100	2.00	200	1,000	1.90	1,900
Schuylkill	7,100	3.10	22,000	12,400	2.10	26,000
EAST CENTRAL, TOTAL	**38,000**	**3.27**	**124,100**	**42,800**	**2.08**	**89,200**
Allegheny	4,000	3.00	12,000	5,400	2.00	10,800
Fayette	12,600	2.90	36,500	17,400	2.00	34,800
Greene	8,100	2.60	21,100	26,900	1.70	45,700
Somerset	22,400	2.80	62,700	37,600	2.20	82,700
Washington	29,900	3.40	101,700	30,600	1.90	58,100
Westmoreland	23,000	3.30	75,900	25,000	2.20	55,000
SOUTHWESTERN, TOTAL	**100,000**	**3.10**	**309,900**	**142,900**	**2.01**	**287,100**
Adams	7,500	3.40	25,500	30,500	2.20	67,100
Bedford	32,000	2.60	83,200	27,000	1.80	48,600
Cumberland	20,700	3.40	70,400	19,800	1.90	37,600
Franklin	35,600	2.80	99,700	30,400	1.90	57,800
Fulton	8,200	2.80	23,000	10,800	1.60	17,300
York	17,100	3.40	58,100	28,900	2.00	57,800
SOUTH CENTRAL, TOTAL	**121,100**	**2.97**	**359,900**	**147,400**	**1.94**	**286,200**
Berks	35,000	3.40	119,000	25,000	2.20	55,000
Bucks	5,300	3.80	20,100	18,200	2.00	36,400
Chester	26,300	4.00	105,200	24,200	2.20	53,200
Delaware	600	3.50	2,100	1,000	2.30	2,300
Lancaster	53,000	4.30	227,900	30,000	2.60	78,000
Lebanon	16,700	3.90	65,100	11,300	2.30	26,000
Montgomery	4,600	3.60	16,600	11,900	2.10	25,000
Philadelphia	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**141,500**	**3.93**	**556,000**	**121,600**	**2.27**	**275,900**
PENNSYLVANIA	**840,000**	**3.20**	**2,688,000**	**1,160,000**	**2.10**	**2,436,000**

PENNSYLVANIA: ALL HAY - ACREAGE, YIELD, PRODUCTION AND VALUE - 1986

County & District	Acres Harvested	Yield	Production	Value of Production
	Acres	Tons	Tons	Dollars
Crawford	64,500	2.66	171,400	13,283,500
Erie	37,500	2.35	88,200	6,835,500
Forest	2,000	2.30	4,600	356,500
Mercer	38,000	2.58	97,900	7,587,250
Venango	14,300	2.43	34,700	2,689,250
Warren	17,500	2.26	39,600	3,069,000
NORTHWESTERN, TOTAL	**173,800**	**2.51**	**436,400**	**33,821,000**
Bradford	115,000	2.19	252,100	19,537,750
Cameron	600	1.83	1,100	85,250
Clinton	11,200	2.54	28,400	2,201,000
Elk	4,300	2.49	10,700	829,250
Lycoming	33,000	2.43	80,100	6,207,750
McKean	9,600	1.90	18,200	1,410,500
Potter	28,500	2.05	58,400	4,526,000
Sullivan	11,000	2.26	24,900	1,929,750
Tioga	82,000	2.07	170,100	13,182,750
NORTH CENTRAL, TOTAL	**295,200**	**2.18**	**644,000**	**49,910,000**
Lackawanna	19,000	1.94	36,800	2,852,000
Susquehanna	64,000	2.37	151,400	11,733,500
Wayne	51,000	2.20	112,400	8,711,000
Wyoming	22,500	2.49	56,100	4,347,750
NORTHEASTERN, TOTAL	**156,500**	**2.28**	**356,700**	**27,644,250**
Armstrong	33,500	2.23	74,600	5,781,500
Beaver	16,500	2.79	46,100	3,572,750
Butler	40,000	2.98	119,200	9,236,000
Clarion	27,500	2.57	70,700	5,479,250
Indiana	37,000	2.52	93,400	7,238,500
Jefferson	27,500	2.19	60,100	4,657,750
Lawrence	20,000	3.05	61,000	4,727,500
WEST CENTRAL, TOTAL	**202,000**	**2.60**	**525,100**	**40,695,250**
Blair	25,500	2.89	73,700	5,711,750
Cambria	21,500	2.49	53,600	4,154,000
Centre	41,000	3.02	123,700	9,586,750
Clearfield	21,500	2.08	44,700	3,464,250
Columbia	21,500	2.62	56,400	4,371,000
Dauphin	22,500	2.76	62,000	4,805,000
Huntingdon	32,000	2.70	86,500	6,703,750
Juniata	19,700	3.03	59,600	4,619,000
Mifflin	21,000	2.88	60,500	4,688,750
Montour	8,000	2.56	20,500	1,588,750
Northumberland	18,500	2.49	46,000	3,565,000
Perry	28,500	2.81	80,200	6,215,500
Snyder	20,500	2.91	59,600	4,619,000
Union	15,500	3.00	46,500	3,603,750
CENTRAL, TOTAL	**317,200**	**2.75**	**873,500**	**67,696,250**
Carbon	5,000	2.42	12,100	937,750
Lehigh	16,000	2.54	40,600	3,146,500
Luzerne	14,500	2.44	35,400	2,743,500
Monroe	6,200	2.37	14,700	1,139,250
Northampton	18,500	3.26	60,400	4,681,000
Pike	1,100	1.91	2,100	162,750
Schuylkill	19,500	2.46	48,000	3,720,000
EAST CENTRAL, TOTAL	**80,800**	**2.64**	**213,300**	**16,530,750**
Allegheny	9,400	2.43	22,800	1,767,000
Fayette	30,000	2.38	71,300	5,525,750
Greene	35,000	1.91	66,800	5,177,000
Somerset	60,000	2.42	145,400	11,268,500
Washington	60,500	2.64	159,800	12,384,500
Westmoreland	48,000	2.73	130,900	10,144,750
SOUTHWESTERN, TOTAL	**242,900**	**2.46**	**597,000**	**46,267,500**
Adams	38,000	2.44	92,600	7,176,500
Bedford	59,000	2.23	131,800	10,214,500
Cumberland	40,500	2.67	108,000	8,370,000
Franklin	66,000	2.39	157,500	12,206,250
Fulton	19,000	2.12	40,300	3,123,250
York	46,000	2.52	115,900	8,982,250
SOUTH CENTRAL, TOTAL	**268,500**	**2.41**	**646,100**	**50,072,750**
Berks	60,000	2.90	174,000	13,485,000
Bucks	23,500	2.40	56,500	4,378,750
Chester	50,500	3.14	158,400	12,276,000
Delaware	1,600	2.75	4,400	341,000
Lancaster	83,000	3.69	305,900	23,707,250
Lebanon	28,000	3.25	91,100	7,060,250
Montgomery	16,500	2.52	41,600	3,224,000
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	263,100	3.16	831,900	64,472,250
PENNSYLVANIA	**2,000,000**	**2.56**	**5,124,000**	**397,110,000**

PENNSYLVANIA: WHEAT - ACREAGE, YIELD, PRODUCTION AND VALUE - 1986

County & District	Acres Harvested	Yield	Production	Value of Production
	Acres	Bushels	Bushels	Dollars
Crawford	1,200	34.0	40,800	108,100
Erie	1,100	42.0	46,200	122,400
Forest	-	-	-	-
Mercer	3,900	37.0	144,300	382,400
Venangc	300	45.0	13,500	35,800
Warren	-	-	-	-
NORTHWESTERN, TOTAL	**6,500**	**37.7**	**244,800**	**648,700**
Bradford	300	43.0	12,900	34,200
Cameron	-	-	-	-
Clinton	900	51.0	45,900	121,600
Elk	-	-	-	-
Lycoming	3,100	35.0	108,500	287,500
McKean	-	-	-	-
Potter	200	40.0	8,000	21,200
Sullivan	-	-	-	-
Tioga	200	36.0	7,200	19,100
NORTH CENTRAL, TOTAL	**4,700**	**38.8**	**182,500**	**483,600**
Lackawanna	200	54.0	10,800	28,600
Susquehanna	-	-	-	-
Wayne	-	-	-	-
Wyoming	100	35.0	3,500	9,300
NORTHEASTERN, TOTAL	**300**	**47.7**	**14,300**	**37,900**
Armstrong	2,200	39.0	85,800	227,400
Beaver	2,000	41.0	82,000	217,300
Butler	3,200	39.0	124,800	330,700
Clarion	800	38.0	30,400	80,600
Indiana	1,500	39.0	58,500	155,000
Jefferson	600	36.0	21,600	57,200
Lawrence	3,400	42.0	142,800	378,400
WEST CENTRAL, TOTAL	**13,700**	**39.8**	**545,900**	**1,446,600**
Blair	1,200	44.0	52,800	139,900
Cambria	500	42.0	21,000	55,700
Centre	3,700	50.0	185,000	490,300
Clearfield	200	40.0	8,000	21,200
Columbia	6,800	39.0	265,200	702,800
Dauphin	6,200	42.0	260,400	690,100
Huntingdon	1,300	38.0	49,400	130,900
Juniata	3,400	39.0	132,600	351,400
Mifflin	1,900	44.0	83,600	221,500
Montour	1,900	39.0	74,100	196,400
Northumberland	7,200	40.0	288,000	763,200
Perry	5,700	42.0	239,400	634,400
Snyder	3,700	36.0	133,200	353,000
Union	2,900	36.0	104,400	276,700
CENTRAL, TOTAL	**46,600**	**40.7**	**1,897,100**	**5,027,500**
Carbon	1,000	45.0	45,000	119,300
Lehigh	10,700	49.0	524,300	1,389,400
Luzerne	1,900	47.0	89,300	236,600
Monroe	1,300	52.0	67,600	179,100
Northampton	7,500	49.0	367,500	973,900
Pike	-	-	-	-
Schuylkill	5,000	46.0	230,000	609,500
EAST CENTRAL, TOTAL	**27,400**	**48.3**	**1,323,700**	**3,507,800**
Allegheny	300	35.0	10,500	27,800
Fayette	1,400	39.0	54,600	144,700
Greene	200	48.0	9,600	25,400
Somerset	700	41.0	28,700	76,100
Washington	900	41.0	36,900	97,800
Westmoreland	2,600	38.0	98,800	261,800
SOUTHWESTERN, TOTAL	**6,100**	**39.2**	**239,100**	**633,600**
Adams	10,700	40.0	428,000	1,134,200
Bedford	1,500	43.0	64,500	170,900
Cumberland	10,800	47.0	507,600	1,345,100
Franklin	7,200	44.0	316,800	839,500
Fulton	1,700	33.0	56,100	148,700
York	25,700	45.0	1,156,500	3,064,700
SOUTH CENTRAL, TOTAL	**57,600**	**43.9**	**2,529,500**	**6,703,100**
Berks	17,700	43.0	761,100	2,016,900
Bucks	6,000	42.0	252,000	667,800
Chester	5,600	49.0	274,400	727,200
Delaware	200	41.0	8,200	21,700
Lancaster	19,000	53.0	1,007,000	2,668,600
Lebanon	5,100	49.0	249,900	662,200
Montgomery	3,500	43.0	150,500	398,800
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**57,100**	**47.3**	**2,703,100**	**7,163,200**
PENNSYLVANIA	**220,000**	**44.0**	**9,680,000**	**25,652,000**

PENNSYLVANIA: BARLEY - ACREAGE, YIELD, PRODUCTION AND VALUE - 1986

County & District	Acres Harvested	Yield	Production	Value of Production
	Acres	Bushels	Bushels	Dollars
Crawford	300	53.0	15,900	20,700
Erie	200	60.0	12,000	15,600
Forest	-	-	-	-
Mercer	500	58.0	29,000	37,700
Venango	100	55.0	5,500	7,100
Warren	-	-	-	-
NORTHWESTERN, TOTAL	**1,100**	**56.7**	**62,400**	**81,100**
Bradford	100	49.0	4,900	6,400
Cameron	-	-	-	-
Clinton	-	-	-	-
Elk	100	45.0	4,500	5,900
Lycoming	300	48.0	14,400	18,700
McKean	-	-	-	-
Potter	200	58.0	11,600	15,100
Sullivan	-	-	-	-
Tioga	100	53.0	5,300	6,900
NORTH CENTRAL, TOTAL	**800**	**50.9**	**40,700**	**53,000**
Lackawanna	-	-	-	-
Susquehanna	100	45.0	4,500	5,800
Wayne	-	-	-	-
Wyoming	-	-	-	-
NORTHEASTERN, TOTAL	**100**	**45.0**	**4,500**	**5,800**
Armstrong	600	65.0	39,000	50,700
Beaver	500	66.0	33,000	42,900
Butler	1,000	60.0	60,000	78,000
Clarion	100	52.0	5,200	6,800
Indiana	400	60.0	24,000	31,200
Jefferson	300	50.0	15,000	19,500
Lawrence	300	62.0	18,600	24,200
WEST CENTRAL, TOTAL	**3,200**	**60.9**	**194,800**	**253,300**
Blair	300	61.0	18,300	23,800
Cambria	300	55.0	16,500	21,400
Centre	500	53.0	26,500	34,400
Clearfield	100	50.0	5,000	6,500
Columbia	400	63.0	25,200	32,800
Dauphin	2,600	53.0	137,800	179,100
Huntingdon	500	51.0	25,500	33,100
Juniata	1,000	58.0	58,000	75,400
Mifflin	400	49.0	19,600	25,500
Montour	600	52.0	31,200	40,600
Northumberland	1,200	60.0	72,000	93,600
Perry	900	58.0	52,200	67,900
Snyder	900	54.0	48,600	63,200
Union	400	56.0	22,400	29,100
CENTRAL, TOTAL	**10,100**	**55.3**	**558,800**	**726,400**
Carbon	-	-	-	-
Lehigh	1,800	50.0	90,000	117,000
Luzerne	100	45.0	4,500	5,800
Monroe	-	-	-	-
Northampton	900	55.0	49,500	64,300
Pike	-	-	-	-
Schuylkill	1,000	57.0	57,000	74,100
EAST CENTRAL, TOTAL	**3,800**	**52.9**	**201,000**	**261,200**
Allegheny	100	60.0	6,000	7,800
Fayette	700	64.0	44,800	58,200
Greene	-	-	-	-
Somerset	500	70.0	35,000	45,500
Washington	600	59.0	35,400	46,000
Westmoreland	800	62.0	49,600	64,500
SOUTHWESTERN, TOTAL	**2,700**	**63.3**	**170,800**	**222,000**
Adams	2,500	56.0	140,000	182,000
Bedford	600	53.0	31,800	41,300
Cumberland	3,100	52.0	161,200	209,600
Franklin	5,400	58.0	313,200	407,200
Fulton	800	50.0	40,000	52,000
York	9,600	66.0	633,600	823,700
SOUTH CENTRAL, TOTAL	**22,000**	**60.0**	**1,319,800**	**1,715,800**
Berks	6,100	56.0	341,600	444,100
Bucks	1,300	63.0	81,900	106,500
Chester	2,600	70.0	182,000	236,600
Delaware	-	-	-	-
Lancaster	7,100	69.0	489,900	636,900
Lebanon	2,900	62.0	179,800	233,700
Montgomery	1,200	60.0	72,000	93,600
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**21,200**	**63.5**	**1,347,200**	**1,751,400**
PENNSYLVANIA	**65,000**	**60.0**	**3,900,000**	**5,070,000**

PENNSYLVANIA: OATS - ACREAGE, YIELD, PRODUCTION AND VALUE - 1986

County & District	Acres Harvested	Yield	Production	Value of Production
	Acres	Bushels	Bushels	Dollars
Crawford	13,000	63.0	819,000	900,900
Erie	7,400	60.0	444,000	488,400
Forest	300	58.0	17,400	19,140
Mercer	10,200	69.0	703,800	774,180
Venango	1,900	58.0	110,200	121,220
Warren	1,600	61.0	97,600	107,360
NORTHWESTERN, TOTAL	**34,400**	**63.7**	**2,192,000**	**2,411,200**
Bradford	8,600	62.0	533,200	586,520
Cameron	100	55.0	5,500	6,050
Clinton	1,300	66.0	85,800	94,380
Elk	800	60.0	48,000	52,800
Lycoming	5,600	51.0	336,600	370,260
McKean	400	67.0	26,800	29,480
Potter	2,100	69.0	144,900	159,390
Sullivan	1,000	59.0	59,000	64,900
Tioga	5,000	59.0	295,000	324,500
NORTH CENTRAL, TOTAL	**25,900**	**59.3**	**1,534,800**	**1,688,280**
Lackawanna	400	62.0	24,800	27,280
Susquehanna	1,400	62.0	86,800	95,480
Wayne	200	51.0	10,200	11,220
Wyoming	900	60.0	54,000	59,400
NORTHEASTERN, TOTAL	**2,900**	**60.6**	**175,800**	**193,380**
Armstrong	5,700	60.0	342,000	376,200
Beaver	2,400	63.0	151,200	166,320
Butler	9,200	69.0	634,800	698,280
Clarion	3,700	60.0	222,000	244,200
Indiana	9,600	59.0	566,400	623,040
Jefferson	3,800	64.0	243,200	267,520
Lawrence	4,300	68.0	292,400	321,640
WEST CENTRAL, TOTAL	**38,700**	**63.4**	**2,452,000**	**2,697,200**
Blair	2,200	65.0	143,000	157,300
Cambria	8,900	73.0	649,700	714,670
Centre	6,800	73.0	496,400	546,040
Clearfield	2,900	60.0	174,000	191,400
Columbia	8,000	54.0	432,000	475,200
Dauphin	5,000	56.0	280,000	308,000
Huntingdon	3,600	58.0	208,800	229,680
Juniata	3,800	57.0	216,600	238,260
Mifflin	2,000	65.0	130,000	143,000
Montour	3,600	63.0	226,800	249,480
Northumberland	7,500	64.0	480,000	528,000
Perry	5,000	66.0	330,000	363,000
Snyder	4,800	52.0	249,600	274,560
Union	5,200	64.0	332,800	366,080
CENTRAL, TOTAL	**69,300**	**62.8**	**4,349,700**	**4,784,670**
Carbon	1,300	57.0	74,100	81,510
Lehigh	6,200	58.0	359,600	395,560
Luzerne	2,600	72.0	187,200	205,920
Monroe	2,200	66.0	145,200	159,720
Northampton	4,400	68.0	299,200	329,120
Pike	100	60.0	6,000	6,600
Schuylkill	7,000	58.0	406,000	446,600
EAST CENTRAL, TOTAL	**23,800**	**62.1**	**1,477,300**	**1,625,030**
Allegheny	1,100	63.0	69,300	76,230
Fayette	2,700	63.0	170,100	187,110
Greene	200	60.0	12,000	13,200
Somerset	14,000	69.0	966,000	1,062,600
Washington	3,500	67.0	234,500	257,950
Westmoreland	7,500	60.0	450,000	495,000
SOUTHWESTERN, TOTAL	**29,000**	**65.6**	**1,901,900**	**2,092,090**
Adams	2,200	57.0	125,400	137,940
Bedford	6,200	61.0	378,200	416,020
Cumberland	4,800	61.0	292,800	322,080
Franklin	4,100	61.0	250,100	275,110
Fulton	2,800	55.0	154,000	169,400
York	8,200	58.0	475,600	523,160
SOUTH CENTRAL, TOTAL	**28,300**	**59.2**	**1,676,100**	**1,843,710**
Berks	7,700	55.0	423,500	465,850
Bucks	2,400	47.0	112,800	124,080
Chester	2,400	57.0	136,800	150,480
Delaware	100	55.0	5,500	6,050
Lancaster	1,400	73.0	102,200	112,420
Lebanon	2,100	60.0	126,000	138,600
Montgomery	1,600	46.0	73,600	80,960
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**17,700**	**55.4**	**980,400**	**1,078,440**
PENNSYLVANIA	**270,000**	**62.0**	**16,740,000**	**18,414,000**

PENNSYLVANIA: SOYBEANS - ACREAGE, YIELD, PRODUCTION, AND VALUE - 1986

County & District	Acres Harvested	Yield	Production	Value of Production
	Acres	Bushels	Bushels	Dollars
Crawford	2,300	28.0	64,400	299,500
Erie	1,700	33.0	56,100	260,900
Forest	-	-	-	-
Mercer	2,800	31.0	86,800	403,600
Venango	600	32.0	19,200	89,300
Warren	-	-	-	-
NORTHWESTERN, TOTAL	**7,400**	**30.6**	**226,500**	**1,053,300**
Bradford	200	30.0	6,000	27,900
Cameron	-	-	-	-
Clinton	1,400	40.0	56,000	260,400
Elk	-	-	-	-
Lycoming	3,100	39.0	120,900	562,200
McKean	-	-	-	-
Potter	-	-	-	-
Sullivan	-	-	-	-
Tioga	-	-	-	-
NORTH CENTRAL, TOTAL	**4,700**	**38.9**	**182,900**	**850,500**
Lackawanna	-	-	-	-
Susquehanna	-	-	-	-
Wayne	-	-	-	-
Wyoming	-	-	-	-
NORTHEASTERN, TOTAL	-	-	-	-
Armstrong	500	27.0	13,500	62,800
Beaver	200	35.0	7,000	32,600
Butler	1,200	37.0	44,400	206,500
Clarion	300	37.0	11,100	51,600
Indiana	1,200	30.0	36,000	167,400
Jefferson	100	32.0	3,200	14,900
Lawrence	1,100	30.0	33,000	153,500
WEST CENTRAL, TOTAL	**4,600**	**32.2**	**148,200**	**689,300**
Blair	100	31.0	3,100	14,400
Cambria	-	-	-	-
Centre	1,500	33.0	49,500	230,200
Clearfield	100	34.0	3,400	15,800
Columbia	6,400	32.0	204,800	952,300
Dauphin	4,300	33.0	141,900	659,800
Huntingdon	100	34.0	3,400	15,800
Juniata	1,400	29.0	40,600	188,800
Mifflin	100	32.0	3,200	14,900
Montour	5,300	36.0	190,800	887,200
Northumberland	8,400	39.0	327,600	1,523,300
Perry	2,300	36.0	82,800	385,000
Snyder	1,700	33.0	56,100	260,900
Union	3,800	34.0	129,200	600,800
CENTRAL, TOTAL	**35,500**	**34.8**	**1,236,400**	**5,749,200**
Carbon	500	29.0	14,500	67,400
Lehigh	5,300	36.0	190,800	887,200
Luzerne	900	30.0	27,000	125,600
Monroe	700	35.0	24,500	113,900
Northampton	5,300	39.0	206,700	961,200
Pike	-	-	-	-
Schuylkill	600	32.0	19,200	89,300
EAST CENTRAL, TOTAL	**13,300**	**36.3**	**482,700**	**2,244,600**
Allegheny	400	29.0	11,600	53,900
Fayette	200	34.0	6,800	31,600
Greene	-	-	-	-
Somerset	600	32.0	19,200	89,300
Washington	-	-	-	-
Westmoreland	800	32.0	25,600	119,000
SOUTHWESTERN, TOTAL	**2,000**	**31.6**	**63,200**	**293,800**
Adams	7,800	32.0	249,600	1,160,600
Bedford	800	27.0	21,600	100,400
Cumberland	2,200	35.0	77,000	358,100
Franklin	1,000	28.0	28,000	130,200
Fulton	200	27.0	5,400	25,100
York	17,500	31.0	542,500	2,522,600
SOUTH CENTRAL, TOTAL	**29,500**	**31.3**	**924,100**	**4,297,000**
Berks	7,200	38.0	273,600	1,272,200
Bucks	17,400	35.0	609,000	2,831,800
Chester	12,000	39.0	468,000	2,176,200
Delaware	200	38.0	7,600	35,300
Lancaster	9,200	37.0	340,400	1,582,900
Lebanon	8,400	38.0	319,200	1,484,300
Montgomery	8,600	37.0	318,200	1,479,600
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**63,000**	**37.1**	**2,336,000**	**10,862,300**
PENNSYLVANIA	**160,000**	**35.0**	**5,600,000**	**26,040,000**

POTATO SUMMARY - 1986

BY BLAIR L. SMITH

POTATO ACREAGE DECREASES: Pennsylvania growers planted 22,000 acres in 1986, 500 acres less than the previous year. Harvested acreage also declined 500 acres to 21,500. Average yield per harvested acre was 240 cwt., 20 cwt. less than 1985. Total production was 5,160,000 cwt., 10 percent higher than the previous year. Acres entered for certified seed potatoes were 327 compared with 568 acres in 1985.

The season average price for the 1986 crop is estimated as $6.40 per cwt. compared with $4.55 in 1985.

MAJOR VARIETIES: The four major varieties planted in 1986, as measured by the objective yield survey were Katahdin (25.5 percent), Norchip (21.2 percent), Atlantic (14.6 percent), and Superior (10.2 percent). These four varieties accounted for 71.5 percent of the potatoes planted in 1986.

POTATO STOCKS: Potato stocks for all purposes held in storage by growers, local dealers, and processors during the 1986-87 storage season were lower for all months from the previous year. Stocks held by processors included potatoes produced in other states. Processor stocks, as a percent of the total held in storage were: December, 30 percent; January, 33 percent; February, 38 percent; March, 43 percent; April, 36 percent; May, 14 percent.

PENNSYLVANIA: ACREAGE, YIELD, PRODUCTION, AND VALUE OF POTATOES, 1960-1986

Year	Planted Acreage	Harvested Acreage	Yield Per Acre	Production	Season Average Price	Value Of Production	Value Of Sales
	Acres		Cwt.		Dollars		
1960	41,000	40,000	192	7,680,000	2.34	17,971,000	15,575,000
1965	38,000	38,000	198	7,524,000	2.87	21,594,000	19,447,000
1970	35,000	34,500	240	8,280,000	2.65	21,942,000	19,528,000
1975	31,000	29,000	235	6,815,000	5.75	39,186,000	35,104,000
1980	23,000	22,000	190	4,180,000	7.90	33,022,000	29,807,000
1983	22,000	21,500	200	4,300,000	8.10	34,830,000	32,562,000
1984	22,000	21,500	240	5,160,000	6.35	33,540,000	29,985,000
1985	22,500	22,000	260	5,720,000	4.55	26,026,000	23,296,000
1986	22,000	21,500	240	5,160,000	6.40 1/	33,024,000	-

1/ Preliminary.

PENNSYLVANIA: POTATO PRODUCTION AND FARM DISPOSITION, CROPS OF 1960-1985 1/

Crop Year	Production	Total Used For Seed	Used On Farms Where Grown		Sold
			For Seed, Feed, and Household Use	Shrinkage and Loss	
	1,000 Cwt.				
1960	7,680	695	409	615	6,656
1965	7,524	663	282	466	6,776
1970	8,280	621	249	662	7,369
1975	6,815	522	204	506	6,105
1980	4,180	396	135	272	3,773
1983	4,300	418	86	194	4,020
1984	5,160	405	103	335	4,722
1985	5,720	374	114	486	5,120

1/ 1986 Disposition data is not available until late September.

PENNSYLVANIA: POTATO PRODUCTION AND STOCKS DURING MARKETING MONTHS, CROPS OF 1960-1986

Crop Year	Production	December 1	Following Year				
			January 1	February 1	March 1	April 1	May 1
	1,000 Cwt.						
1960	7,680	4,750	3,650	2,600	1,600	-	-
1965	7,524	4,500	3,400	2,350	1,500	-	-
1970	8,280	4,650	3,900	2,750	1,800	-	-
1975	6,815	3,660	2,780	1,870	1,300	650	-
1980	4,180	3,300	2,600	1,900	1,250	900	200
1983	4,300	3,400	2,200	1,700	1,350	900	515
1984	5,160	4,050	3,100	2,370	1,560	940	390
1985	5,720	4,025	3,350	2,610	1,840	1,300	610
1986	5,160	3,400	2,800	2,100	1,400	1,000	400

PENNSYLVANIA: POTATOES - ACREAGE, YIELD, PRODUCTION AND VALUE - 1986

County & District	Acres Harvested	Yield	Production	Value of Production
	Acres	Cwt.	Cwt.	Dollars
Adams	200	260.0	52,000	332,800
Armstrong	80	240.0	19,200	122,880
Berks	100	220.0	22,000	140,800
Bradford	60	290.0	17,400	111,360
Bucks	90	200.0	18,000	115,200
Butler	330	220.0	72,600	464,640
Cambria	2,680	200.0	536,000	3,430,400
Carbon	190	180.0	34,200	218,880
Chester	370	260.0	96,200	615,680
Clarion	240	260.0	62,400	399,360
Clearfield	70	290.0	20,300	129,920
Clinton	130	290.0	37,700	241,280
Columbia	480	300.0	144,000	921,600
Crawford	380	220.0	83,600	535,040
Dauphin	100	250.0	25,000	160,000
Erie	3,630	230.0	834,900	5,343,360
Franklin	120	270.0	32,400	207,360
Indiana	190	200.0	38,000	243,200
Juniata	60	160.0	9,600	61,440
Lackawanna	70	270.0	18,900	120,960
Lancaster	1,640	280.0	459,200	2,938,880
Lehigh	1,350	240.0	324,000	2,073,600
Luzerne	640	270.0	172,800	1,105,920
Lycoming	230	240.0	55,200	353,280
Mercer	210	220.0	46,200	295,680
Northampton	330	260.0	85,800	549,120
Northumberland	160	280.0	44,800	286,720
Potter	1,670	270.0	450,900	2,885,760
Schuylkill	1,510	280.0	422,800	2,705,920
Somerset	830	200.0	166,000	1,062,400
Sullivan	90	220.0	19,800	126,720
Tioga	120	210.0	25,200	161,280
Warren	280	190.0	53,200	340,480
York	2,190	230.0	503,700	3,223,680
OTHER COUNTIES 1/	680	229.4	156,000	998,400
PENNSYLVANIA	**21,500**	**240.0**	**5,160,000**	**33,024,000**

1/ Counties with 50 or less acres harvested.

PENNSYLVANIA: ALL TOBACCO ACREAGE, YIELD, PRODUCTION AND VALUE, 1986

County	Acreage	Yield	Production	Value Of Production
	Acres	Pounds	Pounds	Dollars
Berks	200	1,940	388,000	260,790
Centre	10	1,980	19,800	13,310
Chester	240	1,910	458,400	308,110
Clinton	10	2,010	20,100	13,510
Cumberland	30	1,950	58,500	39,320
Dauphin	20	1,990	39,800	26,750
Franklin	10	1,920	19,200	12,910
Lancaster	9,990	1,990	19,880,100	13,362,360
Lebanon	280	1,910	534,800	359,460
Lycoming	20	2,010	40,200	27,020
Montour	20	2,000	40,000	26,890
Northumberland	10	2,090	20,900	14,050
Snyder	40	1,970	78,800	52,970
Union	20	1,970	39,400	26,480
York	100	1,920	192,000	129,050
PENNSYLVANIA	11,000	1,985	21,830,000	14,673,000

PENNSYLVANIA: TOBACCO ACREAGE, YIELD, PRODUCTION AND VALUE, 1960-1986

County	Acreage	Yield	Production	Value Of Production
	Acres	Pounds	1,000 Lbs.	1,000 Dols.
1960	31,000	1,700	52,700	14,756
1965	27,000	1,900	51,300	12,312
1970	17,000	1,800	30,600	9,486
1974	13,000	2,000	26,000	15,080
1975	12,000	1,650	19,800	11,484
1976	13,500	1,750	23,625	14,175
1977	13,500	1,940	26,190	15,714
1978	13,000	1,940	25,220	15,636
1979	11,200	1,580	17,696	12,741
1980	13,000	1,900	24,700	21,489
1981	13,300	2,050	27,265	21,812
1982 1/	13,000	1,991	25,885	20,466
1983 1/	12,000	1,832	21,985	20,724
1984 1/	12,000	1,864	22,370	20,984
1985 1/	11,500	1,904	21,900	18,321
1986 Total	11,000	1,985	21,830	14,673
Pennsylvania Type	7,600	2,000	15,200	10,032
Maryland Type	3,400	1,950	6,630	4,641

1/ Includes Pennsylvania and Maryland Types.

PENNSYLVANIA: TOBACCO PRODUCTION, STOCKS, SUPPLY, DISAPPEARANCE AND PRICE, 1960-1986 1/

Marketing Year	Carry-Over			Production	Total Supply	Disappearance	Average Price
	Manufacturer	Other	Total				
				Million Pounds			Cents
1960	96.2	13.5	109.7	52.7	162.4	47.5	28.0
1965	112.3	17.1	129.4	51.3	180.7	53.0	24.0
1970	70.5	26.8	97.3	30.6	127.9	40.9	31.0
1974	39.0	8.5	47.5	26.0	73.5	24.3	58.0
1975	38.4	10.8	49.2	19.8	69.0	22.2	58.0
1976	35.8	11.0	46.8	23.6	70.4	20.7	60.0
1977	36.5	13.2	49.7	26.2	75.9	21.8	60.0
1978	38.9	15.2	54.1	25.2	79.3	23.6	62.0
1979	39.2	16.4	55.7	17.7	73.4	24.3	72.0
1980	37.4	11.7	49.1	24.7	73.8	21.7	87.0
1981	36.4	15.7	52.1	27.3	79.4	27.1	80.0
1982 2/	-	-	52.3	21.4	73.7	19.6	73.0
1983 2/	-	-	54.1	14.2	68.3	20.3	83.0
1984 2/	-	-	48.0	14.6	62.6	20.1	90.0
1985 2/	-	-	42.5	15.6	58.1	-	71.0
1986 2/	-	-	41.7	15.2	56.9	-	66.0

1/ Source: U.S. Department of Agriculture, Agricultural Marketing Service. 2/ Pennsylvania type 41 only.

PENNSYLVANIA: SUMMARY - PRINCIPAL CROPS, HARVESTED BY COUNTIES, 1986

County & District	Field & Forage Crops		Vegetable Crops (Fresh & Proc.)		Fruit	Value of Production Field Crops Vegetables & Fruits
	Acres Harvested	Value of Production	Acres Harvested	Value of Production	Value of Production	
	Acres	Thous. Dols.	Acres	Thous. Dols.	Thous. Dols.	Thous. Dols.
Crawford	110,000	19,988	741	769	63	20,820
Erie	67,400	11,397	6,215	7,605	11,448	30,450
Forest	2,800	488	4	4	-	492
Mercer	84,000	15,291	518	728	71	16,090
Venango	22,200	3,885	75	56	39	3,980
Warren	24,500	4,323	358	377	39	4,739
NORTHWESTERN, TOTAL	**310,900**	**55,372**	**7,911**	**9,539**	**11,660**	**76,571**
Bradford	161,700	28,884	279	289	131	29,304
Cameron	900	137	8	3	-	140
Clinton	28,800	5,619	404	722	39	6,380
Elk	6,300	1,080	23	9	-	1,089
Lycoming	83,600	15,098	614	698	262	16,058
McKean	11,600	1,879	17	3	-	1,882
Potter	39,000	6,555	1,714	2,914	-	9,469
Sullivan	16,700	3,040	98	129	-	3,169
Tioga	108,000	18,044	161	189	9	18,242
NORTH CENTRAL, TOTAL	**456,600**	**80,336**	**3,318**	**4,956**	**441**	**85,733**
Lackawanna	22,600	3,609	1,436	2,514	13	6,136
Susquehanna	78,400	15,373	90	61	43	15,477
Wayne	57,700	10,324	55	48	9	10,381
Wyoming	32,100	6,517	205	267	163	6,947
NORTHEASTERN, TOTAL	**190,800**	**35,823**	**1,786**	**2,890**	**228**	**38,941**
Armstrong	57,800	9,997	250	245	201	10,443
Beaver	27,500	5,269	247	218	172	5,659
Butler	76,900	15,603	1,044	1,189	-	16,792
Clarion	43,500	8,264	335	477	62	8,803
Indiana	80,600	14,762	534	665	123	15,550
Jefferson	42,800	7,120	159	145	10	7,275
Lawrence	54,100	10,969	144	133	129	11,231
WEST CENTRAL, TOTAL	**383,200**	**71,984**	**2,713**	**3,072**	**697**	**75,753**
Blair	55,600	11,689	506	391	701	12,781
Cambria	43,000	7,360	2,847	3,560	36	10,956
Centre	88,000	18,092	1,295	575	205	18,872
Clearfield	31,700	5,171	127	159	58	5,388
Columbia	73,100	12,242	2,143	2,037	763	15,042
Dauphin	77,500	13,432	583	822	614	14,868
Huntingdon	65,600	13,596	148	95	161	13,852
Juniata	46,300	9,340	163	138	1,530	11,008
Mifflin	47,500	10,307	129	152	278	10,737
Montour	29,600	5,194	483	331	56	5,581
Northumberland	81,500	14,742	1,658	1,371	493	16,606
Perry	67,200	12,594	138	107	146	12,847
Snyder	60,700	11,040	607	900	1,175	13,115
Union	49,100	9,480	306	392	48	9,920
CENTRAL, TOTAL	**816,400**	**154,279**	**11,133**	**11,030**	**6,264**	**171,573**
Carbon	10,200	1,663	390	369	88	2,120
Lehigh	73,200	11,994	1,775	2,441	3,589	18,024
Luzerne	31,100	5,669	2,331	3,419	196	9,284
Monroe	16,000	2,616	156	128	-	2,744
Northampton	78,800	16,050	844	932	1,036	18,018
Pike	2,000	322	68	166	-	488
Schuylkill	59,600	10,162	2,837	4,280	724	15,166
EAST CENTRAL, TOTAL	**270,900**	**48,476**	**8,401**	**11,735**	**5,633**	**65,844**
Allegheny	13,700	2,416	525	597	1,529	4,542
Fayette	50,700	9,389	313	176	-	9,565
Greene	39,000	6,035	88	78	1	6,114
Somerset	109,400	20,447	1,452	1,392	110	21,949
Washington	82,400	16,445	542	693	337	17,475
Westmoreland	81,800	15,823	723	546	137	16,506
SOUTHWESTERN, TOTAL	**377,000**	**70,555**	**3,643**	**3,482**	**2,114**	**76,151**
Adams	109,100	16,593	966	948	32,650	50,191
Bedford	103,600	17,565	197	144	795	18,504
Cumberland	124,500	22,975	453	399	1,298	24,672
Franklin	165,100	28,732	567	645	11,131	40,508
Fulton	39,000	5,672	39	31	-	5,703
York	199,700	30,110	5,356	4,816	5,585	40,511
SOUTH CENTRAL, TOTAL	**741,000**	**121,647**	**7,578**	**6,983**	**51,459**	**180,089**
Berks	189,200	36,184	974	745	2,405	39,334
Bucks	74,700	12,978	2,684	3,120	524	16,622
Chester	133,400	28,897	802	955	816	30,668
Delaware	3,500	700	80	42	142	884
Lancaster	318,600	91,929	4,253	6,423	2,116	100,468
Lebanon	91,000	20,807	607	822	281	21,910
Montgomery	46,400	7,980	622	420	237	8,637
Philadelphia	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**856,800**	**199,475**	**10,022**	**12,527**	**6,521**	**218,523**
PENNSYLVANIA	**4,403,600**	**837,947**	**56,505**	**66,214**	**85,017**	**989,178**

CROP AND WEATHER SUMMARY - DATES OF FIRST AND LAST FROST, SELECTED PENNSYLVANIA STATIONS, 1986 AND NORMAL

Area & Station	County	Last Spring Minimum Of 32° F.			First Fall Minimum Of 32° F.		
		1986		Normal	1986		Normal
		Date	Low Temp. Degrees F.	Date	Date	Low Temp. Degrees F.	Date
Pocono Mountains:							
Stroudsburg	Monroe	April 24	32	May 09	October 07	31	September 29
East Central Mountains:							
Allentown	Lehigh	April 23	26	May 05	October 19	30	October 09
South East Piedmont:							
Lancaster	Lancaster	April 23	27	May 03	October 07	32	October 10
Lower Susquehanna:							
York	York	May 04	30	April 30	October 11	32	October 09
Middle Susquehanna:							
Williamsport	Lycoming	May 04	32	May 02	October 10	32	October 11
Upper Susquehanna:							
Montrose	Susquehanna	May 04	27	May 15	October 07	30	October 03
Wellsboro	Tioga	June 03	32	May 22	October 10	28	September 25
Central Mountains:							
Ridgway	Elk	June 04	30	May 26	September 18	30	September 24
State College	Centre	May 03	30	April 27	October 11	32	October 12
South Central Mountains:							
Altoona	Blair	May 03	32	May 08	October 10	28	October 08
Ebensburg	Cambria	June 03	32	May 15	August 30	32	October 03
South West Plateau:							
Butler	Butler	May 05	32	May 18	September 17	31	October 02
Donora	Washington	May 04	32	April 21	October 20	30	October 28
Uniontown	Fayette	May 05	30	April 29	October 19	32	October 15
North West Plateau:							
Brookville	Jefferson	May 05	31	May 25	September 17	31	September 23
Corry	Erie	June 03	29	May 24	October 10	31	September 25
Franklin	Venango	May 05	30	May 13	October 10	32	October 06

PENNSYLVANIA - FIELDWORK AND CROP DEVELOPMENT, SELECTED DATES 1983-1986
Data As Reported - Pennsylvania Weekly Crop and Weather Survey State Average

Date	Oats % Planted				Barley % In Boot				Wheat % In Boot			
	1983	1984	1985	1986	1983	1984	1985	1986	1983	1984	1985	1986
April 20	-	-	45	55	-	-	-	-	-	-	-	-
25	20	17	60	68	-	-	-	-	-	-	-	-
30	38	30	76	80	4	-	15	7	-	-	9	2
May 05	48	48	90	88	7	13	18	12	5	-	16	4
10	61	59	94	91	17	15	30	20	13	-	28	9
15	79	70	97	96	36	21	30	30	31	8	38	26
20	87	82	-	99	41	33	22	35	45	20	40	39
25	92	86	-	-	38	31	12	31	50	29	22	42
30	94	88	-	-	27	20	4	20	49	36	10	28

Date	Spring Plowing % Complete				Potatoes % Planted				Corn % Planted			
	1983	1984	1985	1986	1983	1984	1985	1986	1983	1984	1985	1986
April 20	-	-	-	57	-	-	17	14	-	-	-	5
25	27	14	52	60	10	4	32	23	-	-	5	8
30	37	20	64	68	18	8	49	36	-	-	13	12
May 05	44	37	77	78	25	17	65	52	6	-	27	22
10	55	46	83	84	36	32	74	66	14	10	45	40
15	73	54	89	89	52	50	83	78	28	17	62	59
20	78	66	94	93	65	65	91	85	39	32	76	73
25	81	74	97	95	71	72	95	89	49	46	85	81
30	83	78	99	98	73	76	98	94	60	54	91	88
June 05	-	-	-	-	-	-	-	-	79	60	96	94

Date	Oats % In Head				Barley % Turning Yellow				Corn Average Height - Inches			
	1983	1984	1985	1986	1983	1984	1985	1986	1983	1984	1985	1986
June 10	8	6	76	99	29	9	36	36	2	3	8	9
15	10	7	84	100	35	34	43	45	3	6	12	12
20	15	17	88	100	40	47	40	36	6	8	15	17
25	24	33	85	92	42	50	37	32	10	10	19	22
30	35	46	75	76	39	49	34	30	13	12	24	27
July 05	49	56	62	50	34	32	21	22	16	16	29	33
10	69	64	47	37	28	19	13	16	27	21	35	40
15	56	68	36	28	16	19	8	10	32	23	43	47
20	43	52	32	17	8	11	3	3	39	36	50	55
25	27	39	18	10	5	7	-	-	48	46	57	61
30	14	26	4	-	-	-	-	-	51	55	63	67

Date	Oats % Harvested				Tobacco % Harvested				Corn % In Silk Or Past			
	1983	1984	1985	1986	1983	1984	1985	1986	1983	1984	1985	1986
July 25	6	6	16	18	-	-	-	-	-	-	24	40
30	21	21	32	34	-	-	-	-	-	-	42	59
Aug. 05	36	36	60	56	-	-	-	-	50	44	60	80
10	50	50	76	78	-	-	-	-	69	70	76	92
15	58	58	80	86	-	-	12	-	84	87	86	98
20	69	69	82	92	6	12	24	16	90	94	94	-
25	82	82	85	96	13	14	32	34	96	95	96	-
30	94	94	91	99	21	36	50	50	96	-	-	-
Sep. 05	96	96	96	-	33	58	62	58	-	-	-	-
10	-	-	-	-	50	70	71	70	-	-	-	-
15	-	-	-	-	63	84	83	86	-	-	-	-
20	-	-	-	-	75	94	94	96	-	-	-	-
25	-	-	-	-	90	100	-	-	-	-	-	-

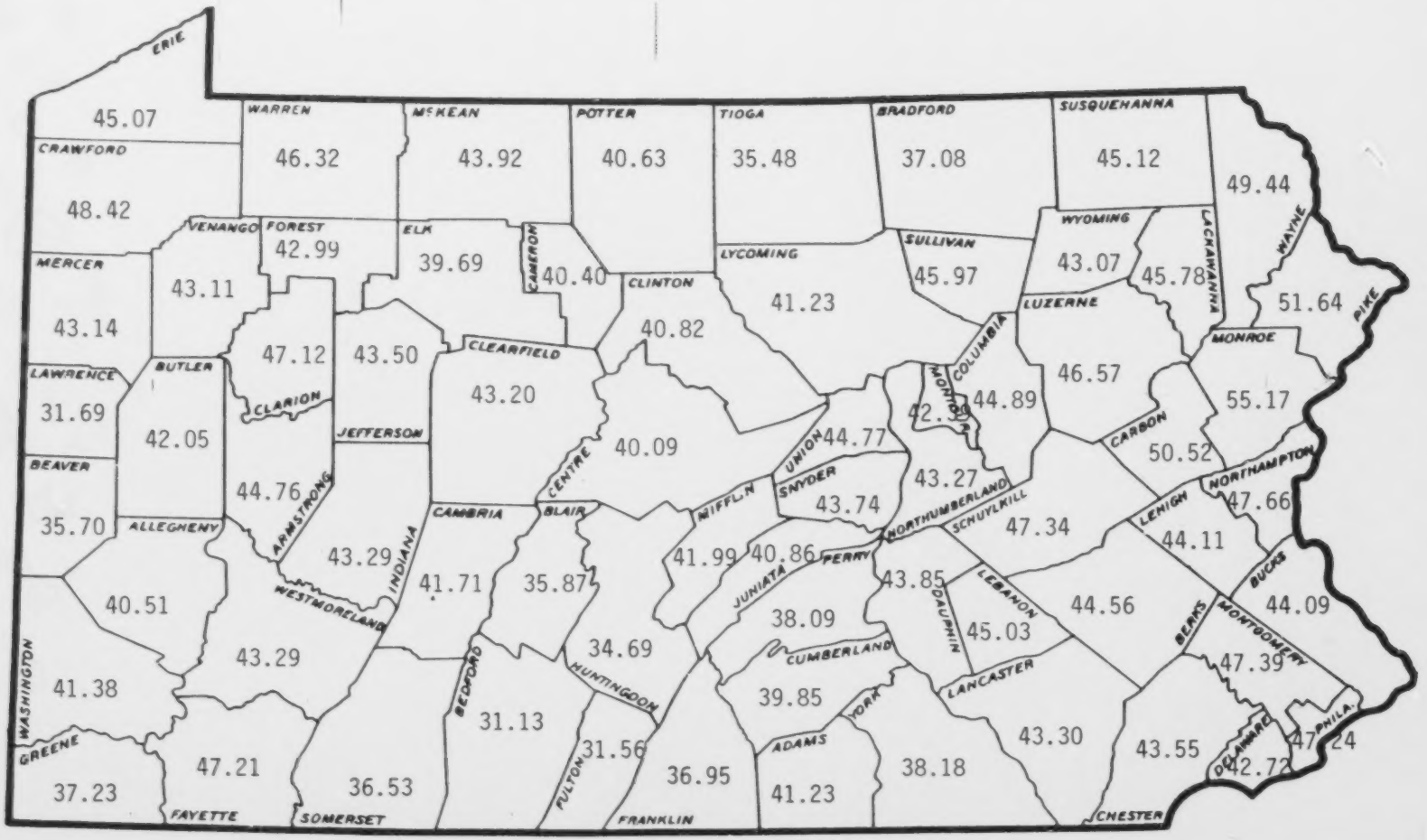
Date	Fall Plowing % Complete				Potatoes % Harvested				Corn % In Dough Or Past			
	1983	1984	1985	1986	1983	1984	1985	1986	1983	1984	1985	1986
Aug. 10	4	-	15	-	13	8	26	20	14	14	23	27
15	8	14	20	11	21	10	31	28	22	25	37	52
20	14	16	23	20	24	13	35	36	42	37	50	70
25	20	18	27	29	29	18	39	42	63	54	61	80
30	26	24	36	33	36	24	46	45	76	67	71	86
Sep. 05	36	32	43	40	44	32	55	56	87	82	82	94
10	45	42	47	52	46	43	62	66	91	88	92	98
15	50	51	51	60	47	51	72	74	97	95	96	-
20	55	59	58	64	52	55	75	78	-	-	-	-
25	61	67	66	68	62	61	78	80	-	-	-	-
30	66	74	72	74	64	73	82	82	-	-	-	-
Oct. 05	74	77	74	82	74	78	87	85	-	-	-	-
10	84	80	82	84	86	82	89	87	-	-	-	-
15	86	81	90	86	88	88	92	90	-	-	-	-

Date	Wheat % Planted				Barley % Planted				Corn % Harvested			
	1983	1984	1985	1986	1983	1984	1985	1986	1983	1984	1985	1986
Sep. 10	6	22	15	24	12	22	17	21	-	-	-	-
15	12	34	16	31	24	36	20	25	-	-	-	-
20	19	40	24	34	38	44	33	29	-	-	2	2
25	31	45	32	38	53	54	44	46	-	-	4	6
30	39	52	42	44	68	68	55	64	-	-	9	10
Oct. 05	54	68	48	54	80	76	71	79	8	-	13	13
10	72	76	62	66	89	84	81	88	12	6	15	17
15	74	78	75	76	92	90	89	92	17	10	20	21
20	81	84	82	83	96	96	95	94	24	15	27	26
25	89	88	88	89	-	-	-	-	35	19	31	39
30	93	92	93	95	-	-	-	-	49	24	42	47
Nov. 05	96	96	-	-	-	-	-	-	64	29	52	57
10	-	-	-	-	-	-	-	-	69	42	57	66

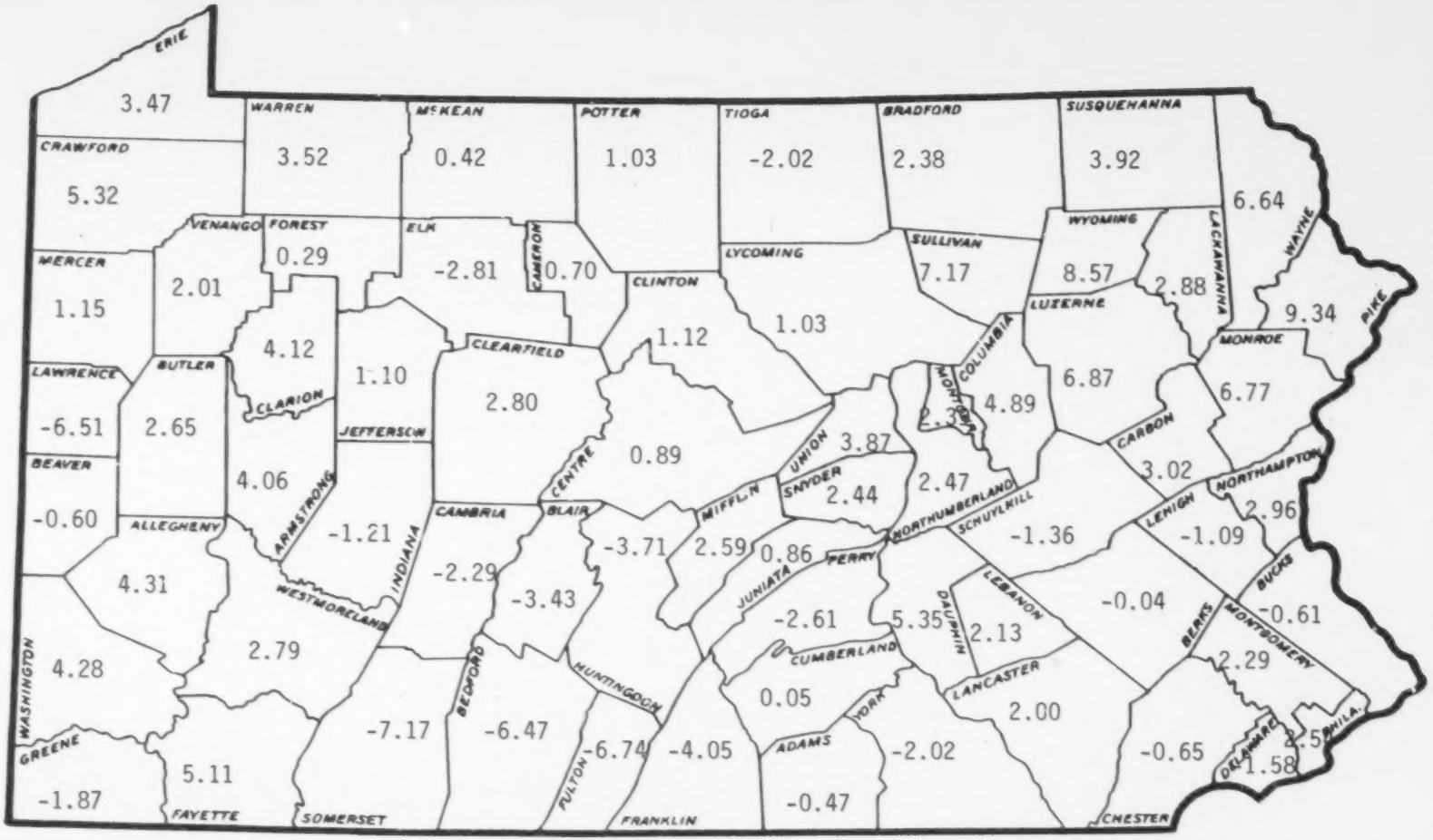
PENNSYLVANIA: TEMPERATURE, PRECIPITATION AND SNOWFALL, 1986, BY NATIONAL WEATHER SERVICE

Division	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
POCONO MOUNTAINS:												
Av. Temp.—Degrees	24.70	23.30	35.90	46.30	59.10	62.50	67.90	64.50	58.10	49.10	34.50	28.40
Departure From Normal	1.40	-1.50	2.10	.20	2.80	-2.40	-1.40	-3.30	-2.50	-.80	-4.60	.60
Precip. - Inches	4.13	3.83	3.39	5.36	2.82	6.25	6.86	4.45	2.56	3.08	5.33	3.41
Departure From Normal	1.06	1.11	-.10	1.56	-.95	2.40	2.96	.25	-1.44	-.46	1.55	-.04
Snowfall - Inches	12.90	11.60	2.10	8.30	.00	.00	.00	.00	.00	.00	10.30	8.70
EAST CENTRAL MOUNTAINS:												
Av. Temp.—Degrees	29.00	26.10	40.40	49.10	63.20	66.70	73.90	70.40	63.00	54.70	39.40	32.90
Departure From Normal	2.70	-1.90	3.30	.30	4.50	-.90	1.70	-.10	-.30	2.60	-2.00	2.30
Preci. - Inches	4.21	3.99	2.89	4.54	2.75	3.45	4.86	5.45	3.72	2.13	6.49	4.62
Departure From Normal	.93	1.15	-.91	.66	-1.11	-.28	.50	1.03	-.45	-1.30	2.61	.98
Snowfall - Inches	5.70	16.50	.00	1.10	.00	.00	.00	.00	.00	.00	.50	2.40
SOUTHEAST PIEDMONT:												
Av. Temp.—Degrees	30.60	29.50	42.40	51.20	64.60	70.90	75.10	70.80	65.40	55.40	41.40	35.60
Departure From Normal	.70	-2.30	1.80	-.60	3.10	.50	.20	-2.70	-1.20	.20	-3.10	1.60
Precip. - Inches	3.56	3.54	2.02	3.84	1.59	1.80	5.00	5.09	2.02	2.33	6.57	5.12
Departure From Normal	.31	.76	-1.75	.11	-2.02	-2.05	.84	.98	-1.77	-.75	3.03	1.58
Snowfall - Inches	4.30	15.30	.10	.90	.00	.00	.00	.00	.00	.00	.10	1.90
LOWER SUSQUEHANNA:												
Av. Temp.—Degrees	30.10	29.20	41.70	52.20	63.90	70.80	75.80	70.70	65.40	55.20	40.50	34.90
Departure From Normal	1.00	-1.80	1.50	.50	2.60	.80	1.40	-2.40	-.70	.90	-2.90	1.90
Precip. - Inches	1.77	4.17	2.74	3.39	2.54	2.14	3.43	4.06	1.30	2.44	4.90	4.54
Departure From Normal	-1.19	1.52	-.96	-.21	-1.10	-1.83	.08	.47	2.36	-.54	1.70	1.35
Snowfall - Inches	4.10	20.20	.30	.00	.00	.00	.00	.00	.00	.00	.00	1.40
MIDDLE SUSQUEHANNA:												
Av. Temp.—Degrees	27.80	27.20	40.10	51.10	63.40	68.30	73.10	68.60	63.40	53.20	38.20	33.40
Departure From Normal	1.50	-.80	2.80	1.90	4.40	.50	1.00	-2.00	-.10	1.20	-3.00	3.00
Precip. - Inches	2.01	3.25	3.33	4.38	2.84	3.59	6.06	3.79	3.07	2.49	5.40	3.77
Departure From Normal	-.70	.76	-.08	1.03	-.94	-.34	2.36	.24	-.64	-.61	2.02	.78
Snowfall - Inches	7.00	13.90	.30	.00	.00	.00	.00	.00	.00	.00	2.60	.00
UPPER SUSQUEHANNA:												
Av. Temp.—Degrees	23.70	23.10	35.10	46.80	58.80	62.70	67.70	64.30	58.30	48.90	34.30	29.50
Departure From Normal	1.30	-.30	2.60	2.00	3.80	-1.10	-.50	-2.20	-1.20	.10	-4.00	2.60
Precip. - Inches	1.92	2.35	2.81	3.45	2.68	5.40	5.10	3.28	2.31	2.50	4.63	2.08
Departure From Normal	-.51	.11	-.09	.37	-.79	1.80	1.59	-.16	-1.23	-.51	1.70	-.63
Snowfall - Inches	19.60	22.50	4.00	7.50	.00	.00	.00	.00	.00	.00	14.90	4.70
CENTRAL MOUNTAINS:												
Av. Temp.—Degrees	24.90	25.90	36.70	48.60	59.70	64.40	70.00	65.30	61.30	51.10	36.70	30.90
Departure From Normal	1.40	1.00	2.50	2.40	3.40	-.40	1.10	-2.20	.60	1.60	-2.10	3.00
Precip. - Inches	1.97	3.14	2.47	2.86	2.19	4.96	5.36	3.45	2.91	3.27	5.22	2.50
Departure From Normal	-.63	.71	-.96	-.52	-1.59	.92	1.29	-.29	-.58	.37	2.16	-.26
Snowfall - Inches	9.40	18.70	1.40	.20	.00	.00	.00	.00	.00	.00	2.70	.80
SOUTH CENTRAL MOUNTAINS:												
Av. Temp.—Degrees	26.40	27.80	38.10	49.80	59.50	66.40	71.30	66.90	63.40	52.60	38.90	31.50
Departure From Normal	-.50	-.70	.60	.50	.60	-.60	.30	-2.90	.20	.80	-2.40	.60
Precip. - Inches	1.86	4.11	2.99	2.66	2.60	3.46	4.29	1.90	2.73	3.83	5.46	3.18
Departure From Normal	-1.10	1.45	-.77	-1.06	-1.21	-.48	.20	-1.62	-.52	.92	2.41	.20
Snowfall - Inches	17.60	18.20	3.60	5.50	.00	.00	.00	.00	.00	.00	2.30	1.50
SOUTHWEST PLATEAU:												
Av. Temp.—Degrees	26.60	30.20	38.40	51.20	60.00	66.30	71.30	66.90	64.50	52.90	39.70	32.00
Departure From Normal	-.10	1.60	.50	1.90	1.10	-.80	.40	-2.90	1.10	.90	-1.80	.50
Precip. - Inches	2.50	4.45	2.31	2.72	2.64	4.34	6.56	2.86	3.17	4.30	5.18	3.43
Departure From Normal	-.54	1.85	-1.34	-1.03	-1.33	.27	2.33	-1.01	-.18	1.47	2.41	.50
Snowfall - Inches	13.10	14.00	3.00	2.00	.00	.00	.00	.00	.00	.00	.40	.60
NORTHWEST PLATEAU:												
Av. Temp.—Degrees	23.80	25.90	36.20	48.30	58.50	64.20	69.20	65.10	61.50	50.90	37.00	30.30
Departure From Normal	.20	.90	2.00	2.20	2.30	-.70	.50	-2.40	.50	.70	-2.40	1.50
Precip. - Inches	1.98	3.41	1.88	3.03	3.04	8.30	4.86	3.57	4.45	4.33	3.09	3.65
Departure From Normal	-.90	.95	-1.50	-.68	-.71	4.07	.73	-.33	.83	1.11	-.35	.42
Snowfall - Inches	17.70	15.20	7.30	4.40	.00	.00	.00	.00	.00	.00	9.80	8.00

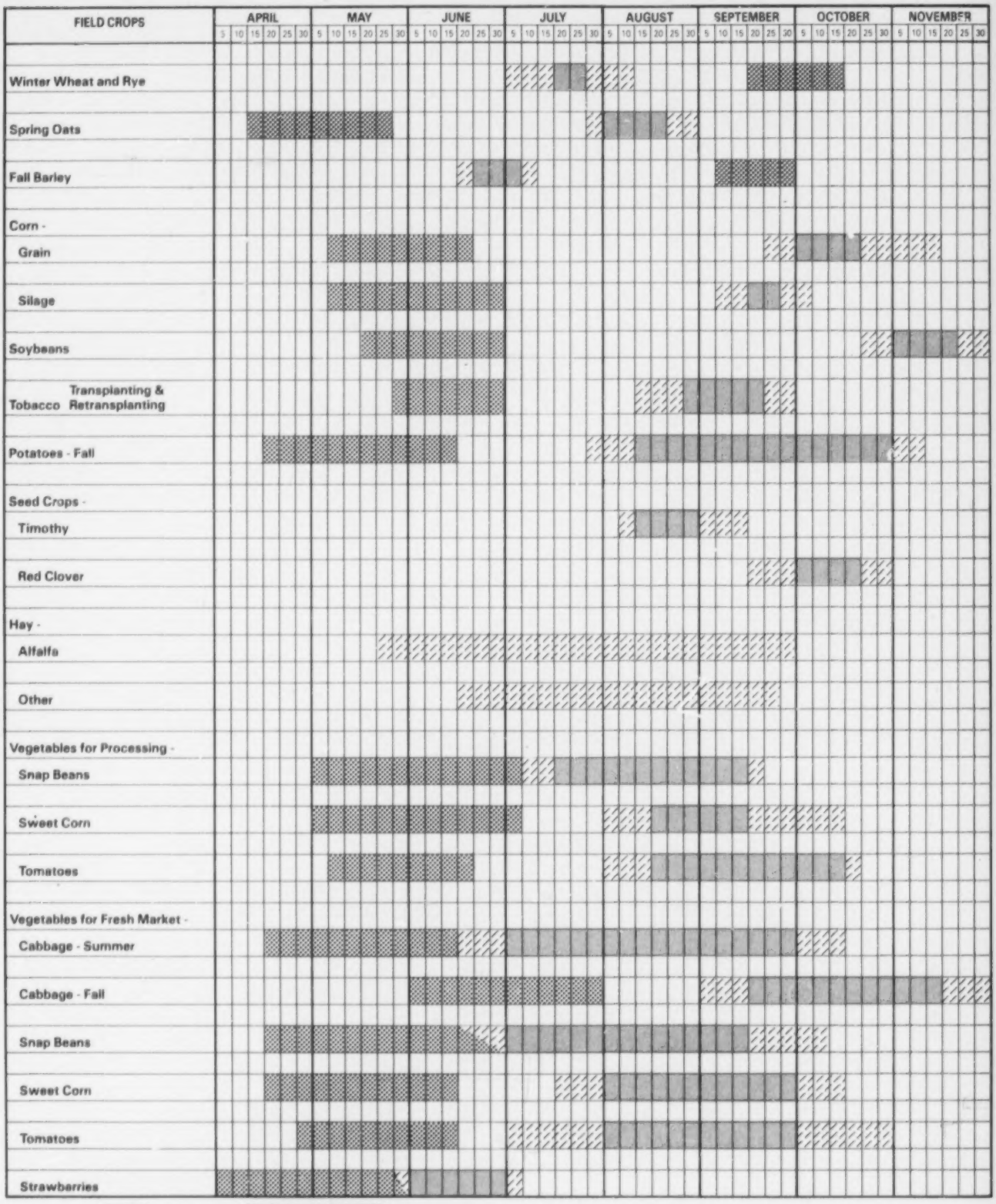
NATIONAL WEATHER SERVICE
MIDDLE ATLANTIC RIVER FORECAST CENTER
AVERAGE COUNTY PRECIP FOR THE PERIOD 1/1/86 TO 12/31/86



NATIONAL WEATHER SERVICE
MIDDLE ATLANTIC RIVER FORECAST CENTER
DEVIATION FROM NORMAL PRECIP FOR THE PERIOD 1/1/86 TO 12/31/86



USUAL PLANTING AND HARVESTING DATES FOR PRINCIPAL PENNSYLVANIA FIELD AND VEGETABLE CROPS



FRUIT REVIEW - 1986

BY DELORES A. BARNEY

During the 1986 growing season, Pennsylvania fruit crops were subjected to good to excellent weather conditions unlike the 1985 growing season. The 1986 fruit crops were more abundant, quality was good and disease and insect problems were minimal to none. The average date of full bloom for the various fruit crops was: apples, April 29; peaches, April 21; pears, April 26; sweet cherries, April 20; tart cherries, April 23; and grapes, June 12.

Although some smaller fruit crops were wiped out and production levels were decreased, this year's fruit crops made a tremendous come-back, generating an overall production increase of 17 percent.

The production of the Commonwealth's six major fruit crops (apples, peaches, pears, sweet cherries, tart cherries, and grapes) totaled 430,000 tons in 1986, up 17 percent from the 368,300 tons in 1985.

APPLES: The 1986 Commercial apple crop in Pennsylvania totaled 620 million pounds, up 6 percent from the 585 million pounds in 1985. The crop was valued at 50.8 million dollars, down 7 percent from the 1985 value of 54.8 million dollars. Pennsylvania ranked fourth nationally in apple production.

PEACHES: Peach production in Pennsylvania totaled 100 million pounds in 1986, a major come back from the 40 million pounds produced in 1985. The season average price was 18.2 cents per pound compared to 25.1 cents per pound in 1985. The value of the Commonwealth's peach production was 18.2 million dollars, up 94 percent from 1985. Nationally, Pennsylvania ranked fifth in peach production.

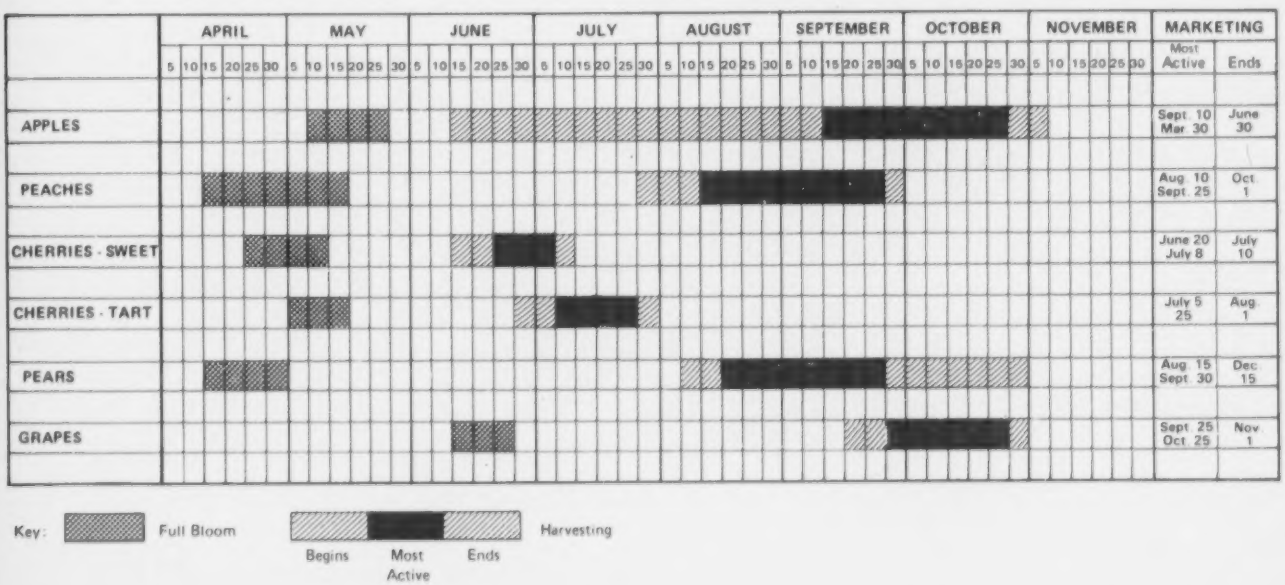
GRAPES: The 1986 grape crop in Pennsylvania totaled 60,000 tons, up 20 percent from 1985. The price per ton averaged 180 dollars in 1986, up 22 percent from the previous year. The total value was 10.8 million dollars, up 46 percent from a year earlier. Pennsylvania ranked fourth nationally in the production of grapes.

PEARS: The production of pears in Pennsylvania totaled 3,000 tons in 1986, up 700 tons from the 2300 tons produced in 1985. The pear crop was valued at .95 million dollars up 30 percent from the previous year's .73 million dollars. The Commonwealth ranked sixth nationally in 1986 pear production.

TART CHERRIES: Tart cherry production in Pennsylvania totaled 12 million pounds in 1986, doubling the 6 million pounds produced in 1985. The season average price was 25.3 cents per pound, compared with 26.8 cents per pound in 1985. Nationally, the Commonwealth ranked fourth in the production of tart cherries.

SWEET CHERRIES: The production of sweet cherries in the Commonwealth for 1986 was 1,000 tons, an increase of 500 tons or 200 percent from 1985. The average price per ton was 1,270 dollars, compared with the previous years price per ton of 1,310 dollars. Pennsylvania's crop for 1986 was valued at 1.3 million dollars, up 97 percent from the 1985 value of .66 million dollars. Nationally, Pennsylvania ranked eighth in sweet cherry production.

USUAL DATES OF FULL BLOOM, HARVEST AND MARKETING FOR PRINCIPAL PENNSYLVANIA FRUIT CROPS



PENNSYLVANIA: FRUIT CROPS - PRODUCTION, DISPOSITION AND VALUE, 1965-1986

Year	Production		Utilization					Price Per Unit 1/	Value Of Utilized Production
				Processed					
	Total	Utilized	Fresh	Canned	Juice	Other	All Processed		
				APPLES (MILLION LBS.)				$/Lb.	Thous. Dols.
1965	500.0	493.4	133.4	290.4	2/	69.6	360.0	.033	16,430
1970	540.0	510.0	195.0	225.1	78.9	11.0	315.0	.038	19,329
1975	550.0	503.5	228.2	201.5	62.2	11.6	275.3	.059	29,707
1981	400.0	400.0	152.2	145.7	97.4	4.7	247.6	.095	37,981
1982	525.0	525.0	183.8	215.8	118.4	7.0	341.2	.093	48,908
1983	500.0	500.0	175.0	201.1	116.9	7.0	325.0	.065	42,425
1984	575.0	575.0	207.0	228.2	132.2	7.6	368.0	.092	52,877
1985	585.0	585.0	210.0	234.1	136.1	4.8	375.0	.094	54,810
1986	620.0	620.0	136.0	319.4	155.0	9.6	484.0	.083	51,252
				PEACHES (MILLION LBS.)					
1965	110.4	105.1	88.5	-	-	-	16.6	.052	5,413
1970	84.0	84.0	74.0	-	-	-	10.0	.077	6,468
1975	90.0	90.0	83.4	-	-	-	6.6	.122	10,980
1981	65.0	65.0	60.0	-	-	-	5.0	.176	11,420
1982	90.0	90.0	83.2	6.5	-	.3	6.8	.214	19,252
1983	94.0	94.0	82.5	10.9	-	.6	11.5	.168	15,834
1984	85.0	85.0	78.5	6.1	-	.4	6.5	.193	16,402
1985	40.0	37.4	33.9	3.1	-	.4	3.5	.251	9,376
1986	100.0	100.0	93.0	3/	-	3/	7.0	.182	18,179
				PEARS (TONS)				$/Ton	
1965	3,300	3,300	-	-	-	-		141	465
1970	4,100	4,100	-	-	-	-	-	153	627
1975	4,500	4,500	-	-	-	-	-	216	972
1981	3,000	3,000	-	-	-	-	-	304	912
1982	4,600	4,580	-	-	-	-	-	310	1,420
1983	2,700	2,700	-	-	-	-	-	285	770
1984	3,300	3,150	-	-	-	-	-	332	1,047
1985	2,300	2,300	-	-	-	-	-	319	733
1986	3,000	3,000	-	-	-	-	-	317	950
				TART CHERRIES (MILLION LBS.)				$/Lb.	
1965	25.0	24.4	-	-	-	-	-	.056	1,366
1970	14.0	14.0	.5	5.5	-	-	13.5	.078	1,092
1975	12.6	11.5	1.1	6.8	-	-	10.4	.114	1,311
1981	8.0	8.0	.5	-	-	-	7.5	.456	3,650
1982	5.5	5.5	.8	-	-	-	4.7	.207	1,137
1983	8.5	8.5	1.5	-	-	-	7.0	.473	4,020
1984	9.0	9.0	.9	-	-	-	8.1	.263	2,367
1985	6.0	6.0	.6	-	-	-	5.4	.268	1,608
1986	12.0	12.0	1.0	-	-	-	11.0	.253	3,040
				SWEET CHERRIES (TONS)				$/Ton	
1965	1,200	1,180	-	-	-	-	-	306	361
1970	600	600	-	-	-	-	-	500	300
1975	860	860	-	-	-	-	-	730	628
1981	300	300	-	-	-	-	-	1,147	344
1982	600	580	-	-	-	-	-	1,372	796
1983	800	750	-	-	-	-	-	1,460	1,095
1984	900	900	-	-	-	-	-	1,220	1,098
1985	500	500	-	-	-	-	-	1,310	655
1986	1,050	1,000	-	-	-	-	-	1,270	1,270
				GRAPES (TONS)					
1965	49,000	45,000	2,500	-	-	-	42,500	131	5,895
1970	45,000	45,000	1,800	-	36,230	6,970	43,200	147	6,615
1975	48,000	48,000	1,660	-	39,250	7,090	46,340	168	8,064
1981	61,000	61,000	1,800	-	45,600	13,600	59,200	186	11,335
1982	47,000	47,000	1,900	-	37,800	7,300	45,100	225	10,585
1983	62,500	62,500	1,000	-	55,500	6,000	61,500	170	10,646
1984	60,000	59,500	1,500	-	51,600	6,400	58,000	143	8,527
1985	50,000	50,000	900	-	44,200	4,900	49,100	148	7,378
1986	60,000	60,000	1,100	-	51,400	7,500	58,900	180	10,810

1/ Fresh and processing prices combined. 2/ Juice included in "other." 3/ Data not published to avoid disclosure at individual operations.

PENNSYLVANIA: APPLES AND PEACHES - PRODUCTION AND VALUE,1986

Country & District	Apples		Peaches	
	Production	Value of Production	Production	Value of Production
	Pounds	Dollars	Pounds	Dollars
Crawford	647,000	53,500	-	-
Erie	7,396,000	611,400	386,000	70,200
Forest	1/	1/	-	-
Mercer	158,000	13,100	299,000	54,400
Venango	481,000	39,800	-	-
Warren	1/	1/	-	-
NORTHWESTERN, TOTAL.	**8,682,000**	**717,800**	**685,000**	**124,600**
Bradford	1,130,000	93,400	89,000	16,200
Cameron	1/	1/	-	-
Clinton	471,000	38,900	-	-
Elk	1/	1/	-	-
Lycoming	2,081,000	172,000	182,000	33,100
Mckean	1/	1/	-	-
Potter	1/	1/	-	-
Sullivan	1/	1/	-	-
Tioga	1/	1/	-	-
NORTH CENTRAL, TOTAL	**3,682,000**	**304,300**	**271,000**	**49,300**
Lackawanna	152,000	12,600	-	-
Susquehanna	500,000	41,300	-	-
Wayne	110,000	9,100	-	-
Wyoming	1,990,000	164,500	-	-
NORTHEASTERN, TOTAL.	**2,752,000**	**227,500**	-	-
Armstrong	2,208,000	182,500	68,000	12,400
Beaver	1,651,000	136,500	138,000	25,100
Butler	1/	1/	1/	1/
Clarion	563,000	46,500	1/	1/
Indiana	1,455,000	120,300	8,000	1,500
Jefferson	1/	-	-	-
Lawrence	1,444,000	119,400	48,000	8,700
WEST CENTRAL, TOTAL.	**7,321,000**	**605,200**	**262,000**	**47,700**
Blair	7,232,000	597,800	293,000	53,300
Cambria	406,000	33,600	-	-
Centre	2,277,000	188,200	1/	1/
Clearfield	692,000	57,200	-	-
Columbia	3,327,000	275,000	2,355,000	428,100
Dauphin	4,637,000	383,300	887,000	161,200
Huntingdon	1,445,000	119,500	193,000	35,100
Juniata	10,979,000	907,600	3,105,000	564,500
Mifflin	1,413,000	116,800	807,000	146,700
Montour	322,000	26,600	103,000	18,700
Northumberland	4,011,000	331,600	438,000	79,600
Perry	1,084,000	89,600	225,000	40,900
Snyder	9,168,000	757,900	1,983,000	360,500
Union	528,000	43,600	1/	1/
CENTRAL, TOTAL	**47,521,000**	**3,928,300**	**10,389,000**	**1,888,600**
Carbon	670,000	55,400	159,000	28,900
Lehigh	24,322,000	2,010,600	8,306,000	1,509,900
Luzerne	2,125,000	175,700	43,000	7,800
Monroe	1/	1/	-	1/
Northampton	5,913,000	488,800	2,718,000	494,100
Pike	1/	1/	-	-
Schuylkill	4,679,000	386,800	1,477,000	268,500
EAST CENTRAL, TOTAL.	**37,709,000**	**3,117,300**	**12,703,000**	**2,309,200**
Allegheny	17,764,000	1,468,500	176,000	32,000
Fayette	2,000	200	-	-
Greene	15,000	1,200	-	-
Somerset	1,344,000	111,100	-	-
Washington	3,768,000	311,500	128,000	23,300
Westmoreland	1,352,000	111,700	128,000	23,300
SOUTHWESTERN, TOTAL.	**24,245,000**	**2,004,200**	**432,000**	**78,600**
Adams	320,665,000	26,507,700	20,424,000	3,712,900
Bedford	8,492,000	702,000	244,000	44,400
Cumberland	14,050,000	1,161,400	414,000	75,300
Franklin	78,498,000	6,489,000	24,287,000	4,415,100
Fulton	1/	1/	-	-
York	25,322,000	2,093,200	17,087,000	3,106,200
SOUTH CENTRAL, TOTAL	**447,027,000**	**36,953,300**	**62,456,000**	**11,353,900**
Berks	18,786,000	1,552,900	3,945,000	717,200
Bucks	3,785,000	312,900	920,000	167,200
Chester	6,982,000	577,100	1,053,000	191,400
Delaware	435,000	35,900	546,000	99,300
Lancaster	8,268,000	683,500	5,082,000	923,700
Lebanon	1,435,000	118,600	725,000	131,800
Montgomery	1,370,000	113,200	531,000	96,500
Philadelphia				
SOUTHEASTERN, TOTAL.	**41,061,000**	**3,394,100**	**12,802,000**	**2,327,100**
PENNSYLVANIA	**620,000,000**	**51,252,000**	**100,000,000**	**18,179,000**

1/ Combined with other counties in the same district to avoid disclosure of individual operations.

COMMERCIAL VEGETABLE PRODUCTION - 1986

BY DELORES A. BARNEY

PENNSYLVANIA: Vegetable growers in the state, generally had an average to below average growing season. Weather conditions were hot and dry in some areas causing a reduction in yields. Overall production in the state was down 19 percent.

PRODUCTION: The total production of both fresh market and processing vegetables was 144,700 tons, down 19 percent from last year. This includes sweet corn, tomatoes, and strawberries for fresh market and snap beans, sweet corn, and tomatoes for processing. Fresh market production was down 22 percent and processing production was down 16 percent. Sweet corn production dropped 25 percent for fresh market and 29 percent for processing. Tomato production for fresh market was down 21 percent, but tomatoes for processing were down only 6 percent from 1985. Strawberry production was up 14 percent from the previous year.

YIELD: Sweet corn yields were 4,800 pounds per acre for fresh market and 3.29 tons per acre for processing. Fresh market tomato yield at 145 cwt. per acre, was down 9 percent and processing tomato yield was down 1.83 tons per acre from the previous year. Strawberry yield increased in 1986 to 3,400 pounds per acre from the 3,000 pound per acre in 1985.

ACREAGE: Total harvested acreage for both fresh market and processing vegetables was up 2 percent at 33,100 acres. Fresh market acreage increased 6 percent to 22,200 acres while processing acreage decreased 4 percent to 10,900 acres.

VALUE: The combined value of both fresh and processing vegetables at $32,730,000 decreased 11 percent from 1985. The fresh market section totaled $26,779,000, down 6 percent. The processing total (at processing plant door) was $5,951,000, down 27 percent from a year ago. Fresh market prices per hundredweight were up for sweet corn, tomatoes, and strawberries. Processing vegetable prices per ton were down for snap beans, sweet corn, and tomatoes.

PENNSYLVANIA: TOTAL PRINCIPAL VEGETABLES, FRESH AND PROCESSING, 1969-1986

Year	Fresh				Processing				Total			
	Acreage		Production	Value	Acreage		Production	Value	Acreage		Production	Value
	Planted	Harvested			Planted	Harvested			Planted	Harvested		
			Thous. Cwt.	Thous. Dollars			Thous. Tons	Thous. Dollars			Thous. Cwt.	Thous. Dollars
1969.....	20,180	19,380	1,561	8,600	31,040	28,770	190	8,374	51,220	48,150	5,385	16,974
1970.....	18,630	18,030	1,609	8,497	27,550	26,520	203	8,888	46,380	44,550	5,661	17,385
1971.....	18,470	17,670	1,614	9,474	27,600	26,700	169	7,753	46,090	44,390	4,996	17,227
1972.....	18,190	17,390	1,384	10,278	26,660	23,060	105	5,031	44,850	40,450	3,478	15,309
1973.....	18,120	17,620	1,342	10,643	24,110	23,160	133	6,942	42,230	40,780	4,002	17,585
1974.....	17,840	17,640	1,440	11,548	23,770	22,280	143	11,300	41,610	39,920	4,294	22,848
1975.....	19,630	18,930	1,783	14,367	23,440	22,170	147	11,577	43,070	41,100	4,721	25,944
1976.....	21,950	21,150	1,920	16,227	19,410	18,960	162	11,361	41,360	40,110	5,152	27,588
1977.....	25,970	23,470	2,036	17,358	18,770	17,770	145	10,210	44,740	41,240	4,930	27,568
1978.....	26,560	25,560	2,044	26,228	15,340	14,940	108	7,890	41,900	40,500	4,200	34,110
1979.....	27,800	26,300	1,951	25,276	15,400	14,630	98	7,574	43,200	40,930	3,909	32,850
1980.....	28,000	26,100	1,711	20,956	15,340	15,020	66	5,748	43,340	41,120	3,034	26,704
1981.....	26,700	25,600	2,189	28,355	16,300	15,800	108	10,243	43,000	41,400	4,349	38,598
1982 1/.....	22,200	21,300	1,574	26,347	16,400	15,700	114	10,905	38,600	37,000	3,654	37,252
1983 1/.....	22,900	21,300	1,291	25,153	13,700	13,200	99	8,907	36,600	34,500	3,271	34,060
1984 1/.....	22,900	22,100	1,977	30,782	12,700	11,800	91	8,683	35,600	33,900	3,797	39,465
1985 1/.....	22,200	21,000	1,861	28,486	11,900	11,400	86	8,156	34,100	32,400	3,565	36,642
1986 1/.....	23,100	22,200	1,454	26,779	11,400	10,900	72	5,951	34,500	33,100	2,894	32,730

1/ Fresh includes sweet corn, tomatoes and strawberries. Processing includes snap beans, sweet corn, and tomatoes.

PENNSYLVANIA: PRINCIPAL VEGETABLES FOR FRESH MARKET, 1980-1986

Crop	Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Farm Value 1/	
						Per Cwt.	Total
				Cwt.	Thous. Cwt.	Dollars	Thous. Dollars
Snap Beans	1980	3,400	3,300	30	99	24.30	2,406
	1981	3,500	3,400	50	170	24.80	4,216
	1982	2/	2/	2/	2/	2/	2/
	1983	2/	2/	2/	2/	2/	2/
	1984	2/	2/	2/	2/	2/	2/
	1985	2/	2/	2/	2/	2/	2/
	1986	2/	2/	2/	2/	2/	2/
Cabbage	1980	3,200	2,900	132	383	9.27	3,550
	1981	2,900	2,800	205	574	8.53	4,896
	1982	2/	2/	2/	2/	2/	2/
	1983	2/	2/	2/	2/	2/	2/
	1984	2/	2/	2/	2/	2/	2/
	1985	2/	2/	2/	2/	2/	2/
	1986	2/	2/	2/	2/	2/	2/
Sweet Corn	1980	17,500	16,100	48	773	11.50	8,890
	1981	16,600	15,800	55	869	12.40	10,776
	1982	16,600	15,800	55	869	12.80	11,123
	1983	16,800	15,300	44	673	14.30	9,624
	1984	16,600	15,900	73	1,161	12.40	14,396
	1985	15,900	14,800	71	1,051	12.40	13,032
	1986	17,300	16,600	48	797	15.20	12,114
Tomatoes	1980	3,900	3,800	120	456	13.40	6,110
	1981	3,700	3,600	160	576	14.70	8,467
	1982	3,800	3,700	170	629	14.90	9,372
	1983	4,300	4,200	130	546	17.80	9,719
	1984	4,600	4,500	170	765	16.00	12,240
	1985	4,900	4,800	160	768	15.60	11,981
	1986	4,400	4,200	145	609	17.20	10,475
Strawberries	1980	1,600	1,600	39	62	72.60	4,501
	1981	1,700	1,700	40	68	78.60	5,345
	1982	1,800	1,800	42	76	77.00	5,852
	1983	1,800	1,800	40	72	80.70	5,810
	1984	1,700	1,700	30	51	81.30	4,146
	1985	1,400	1,400	30	42	82.70	3,473
	1986	1,400	1,400	34	48	87.30	4,190

PENNSYLVANIA: PRINCIPAL VEGETABLES FOR PROCESSING, 1980-1986

Crop	Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Value At Processing Plant Door 1/	
						Per Ton	Total
				Tons	Tons	Dollars	Thous. Dollars
Snap Beans	1980	6,100	5,900	1.55	9,150	175.00	1,601
	1981	5,700	5,500	2.25	12,380	191.00	2,365
	1982	6,500	6,200	2.16	13,390	201.00	2,691
	1983	4,600	4,500	1.76	7,920	198.00	1,566
	1984	5,300	4,900	2.88	14,110	200.00	2,822
	1985	4,700	4,500	3.43	15,440	207.00	3,196
	1986	4,600	4,500	1.99	8,960	186.00	1,667
Sweet Corn	1980	4,100	4,000	3.54	14,160	49.10	695
	1981	4,200	4,100	3.21	13,160	66.10	870
	1982	4,800	4,500	3.61	16,250	58.00	943
	1983	4,100	3,700	2.48	9,180	52.20	479
	1984	3,900	3,600	4.66	16,780	64.40	1,081
	1985	4,200	4,100	3.97	16,280	52.10	848
	1986	3,700	3,500	3.29	11,520	50.30	579
Tomatoes	1980	3,400	3,400	11.88	40,390	71.20	2,875
	1981	4,900	4,800	16.67	80,020	80.50	6,442
	1982	5,100	5,000	16.85	84,250	86.30	7,271
	1983	5,000	5,000	16.43	82,150	83.50	6,860
	1984	3,500	3,300	18.13	59,830	79.90	4,780
	1985	3,000	2,800	19.45	54,460	75.50	4,112
	1986	3,100	2,900	17.62	51,100	72.50	3,705

1/ Value of fresh vegetables represents F.O.B. farm value and processing vegetables represents plant door value.
2/ Estimates discontinued after 1981.

MUSHROOMS

BY HERBERT D. TRICE

PENNSYLVANIA MUSHROOM PRODUCTION DOWN 7 PERCENT: Pennsylvania led all states in mushroom production of 256,160,000 pounds during the 1985-86 season. Production in the Keystone State accounted for 44 percent of the United States production, down from the 46 percent for the previous year. Pennsylvania accounted for 37 percent of the Nation's fresh markets and 62 percent of the processing sales. This compares to last season's percent of 38 and 66, respectively. Fresh market sales at 156.2 million pounds were down 2 percent from the previous year, and processing sales 100.0 million pounds, were down 13 percent.

The average price for the 1985-86 season was 66.6 cents per pound compared with the previous season's price of 67.5 cents. Value of Pennsylvania's crop $170.7 million was $15.1 million lower than the previous year. Pennsylvania growers used 60.2 million square feet to produce the 1985-86 crop compared to 68.5 million square feet for the previous year's crop. Growers intend to use 54.7 million square feet to produce the 1986-87 crop.

PENNSYLVANIA AND UNITED STATES: MUSHROOM SALES BY TYPE AND PERCENT OF TOTAL, 1974-1986

Year	Pennsylvania					United States				
	Fresh Market		Processing		Total Production	Fresh Market		Processing		Total Production
	Volume Of Sales	Percent	Volume Of Sales	Percent		Volume Of Sales	Percent	Volume Of Sales	Percent	
	1,000 Pounds									
1974-75	59,486	33	119,136	67	178,622	126,118	42	172,963	58	299,081
1975-76	64,590	36	114,327	64	178,917	142,121	46	167,695	54	309,816
1976-77	62,783	32	135,823	68	198,606	151,247	44	195,882	56	347,129
1977-78	75,260	34	144,798	66	220,058	191,080	48	207,623	52	398,703
1978-79	61,222	29	152,568	71	213,790	229,538	51	224,469	49	454,007
1979-80	70,049	33	143,660	67	213,709	255,846	54	214,223	46	470,069
1980-81	87,861	37	149,602	63	237,463	275,052	59	194,524	41	469,576
1981-82	120,141	44	152,907	56	273,048	319,132	62	198,014	38	517,146
1982-83	129,331	52	117,251	48	246,582	337,234	69	153,592	31	490,826
1983-84	154,675	55	124,979	45	279,654	388,075	69	173,456	31	561,531
1984-85	159,667	58	115,529	42	275,196	419,913	70	175,768	30	595,681
1985-86	156,179	61	99,981	39	256,160	427,204	73	160,752	27	587,956

PENNSYLVANIA AND OTHER STATES: AREA, PRODUCTION, PRICE AND VALUE

State	Area In Production				Production	Price Per Pound	Value Of Production
	First Filling	Second Filling	Additional Fillings	Total			
	1,000 Sq. Ft.				1,000 Lbs.	Cents	1,000 Dols.
	July 1, 1984 - June 30, 1985						
Pennsylvania	22,155	20,248	26,121	68,524	275,196	67.5	185,801
Other States	15,139	14,728	40,742	70,609	320,485	96.1	307,847
United States	37,294	34,976	66,863	139,133	595,681	82.9	493,648
	July 1, 1985 - June 30, 1986						
Pennsylvania	19,180	18,048	22,982	60,210	256,160	66.6	170,705
Other States	14,397	14,246	40,712	69,355	331,796	97.2	322,388
United States	33,577	32,294	63,694	129,565	587,956	83.9	493,093

PENNSYLVANIA AND OTHER STATES: BED OR TRAY AREA TO BE IN PRODUCTION JULY 1, 1986 TO JUNE 30, 1987

State	Intentions July 1986 - June 1987				Intentions As Percent of 1985 - 1986			
	First Filling	Second Filling	Additional Fillings	Total	First Filling	Second Filling	Additional Fillings	Total
	1,000 Square Feet				Percent			
Pennsylvania	17,038	16,270	21,432	54,740	86	88	89	88
Other States	14,297	14,108	40,678	69,083	94	95	98	96
United States	31,335	30,378	62,110	123,823	89	91	95	92

FLOWERS AND FOLIAGE PLANTS - 1986

BY JEFFREY T. BAILEY

The 1986 wholesale value of sales by commercial flower and foliage plant producers in Pennsylvania totaled $94,285,000, compared with $83,118,000 in 1985. A commercial producer is defined as one who had $10,000 or more in gross sales of cut flowers, flowering and foliage plants, bedding plants or cultivated florist greens.

The wholesale value of cut flowers totaled $15,849,000, down 9 percent from the previous year. Potted flowering plants, foliage plants and bedding plants all increased in value but the 1985 and 1986 data are not comparable because of changing the length of the time held by growers from 6 or 12 weeks to 4 weeks.

The wholesale value of potted flowering plants was $24,107,000, up 13 percent from 1985. Sales of foliage plants for indoor and patio use totaled $15,542,000. Within this group, the hanging baskets jumped 68 percent while potted foliage dropped 25 percent. Bedding and garden plants in flats sales were up 33 percent to $25,565,000 with a 45 percent increase in other flowering and foliage type plants. Potted bedding and garden plant sales were up 21 percent to $13,222,000.

The total covered growing area for Pennsylvania in 1986 was 15,813 thousand square feet up 4 percent from 1985. The area for covered green with glass, fiberglass and other rigid materials was 8,844 thousand square feet. Film and plastic greenhouse area totaled 6,892 thousand square feet and shade and temporary cover area totaled 77 thousand square feet.

Growers reported 24,107 thousand square feet in production. The derived wholesale value per square foot for all area in production during 1986 averaged $3.91, ranging from $1.05 for pompom mums to $8.81, for sweetheart roses.

In 1986 Pennsylvania ranked first nationally for wholesale of sales of other lilies. The Commonwealth came in second for standard mums, hybrid tea roses, poinsettias, and geraniums in flats and third for sweetheart roses, potted hardy garden mums, and potted geraniums from both cuttings and seed.

PENNSYLVANIA: FLOWERS, FOLIAGE PLANTS AND BEDDING PLANTS, 1985-1986

Flowers, Foliage Plants and Bedding Plants	Production Area		% of Sales at Wholesale		Wholesale Price		Value of Sales at Wholesale 1/	
	1985	1986	1985	1986	1985	1986	1985	1986
	1,000 Sq. Ft.		Percent		Dollars		Thous. Dols.	
Potted Flowering Plants 2/								
African Violets	110	154	98	99	.66	.69	643	1,032
Chrysanthemums (Excluding Hardy/Garden Mums)	974	1,045	93	93	2.61	2.85	4,086	4,338
Finished Florist Azaleas 3/	-	257	-	79	-	3.26	-	971
Easter Lilies	463	590	86	86	3.99	3.27	2,701	2,302
Other Lilies	27	116	58	86	3.33	2.15	120	335
Poinsettias	4,329	4,234	87	85	2.77	3.05	9,274	10,426
Other Flowering Plants	1,182	1,170	95	93	2.25	1.21	4,644	4,701
Total	-	-	-	-	-	-	**21,468**	**24,107**
Bedding/Garden Plants (Flats) 2/								
Geraniums	357	731	82	71	4.14	6.86	1,619	2,675
Other Flowering and Foliage Type	4,043	4,626	69	76	5.80	7.85	13,555	19,315
Vegetable Type	1,335	1,281	63	64	5.35	5.66	4,055	3,571
Total	-	-	-	-	-	-	**19,229**	**25,565**
Bedding/Garden Plants (Potted) 2/								
Hardy/Garden Chrysanthemums	1,481	1,535	82	86	1.51	1.43	2,196	2,262
Geraniums (Cutting)	1,965	2,077	72	68	1.01	1.15	5,074	5,172
Geraniums (Seed)	396	680	89	90	.65	.71	1,249	2,675
Other Flowering and Foliage Type	574	1,374	91	89	.41	.49	2,156	3,425
Potted Vegetable Type	113	145	58	39	.45	.48	269	288
Total	-	-	-	-	-	-	**10,944**	**13,222**
Total of Surveyed Plants	**21,949**	**24,107**	-	-	-	-	**83,118**	**94,285**

1/ Equivalent wholesale value of all sales. 2/ 1985 and 1986 data are not comparable, due to changing the time from 6 to 4 weeks of plants purchased from others. 3/ Crop not surveyed in 1985.

PENNSYLVANIA: FLOWERS, FOLIAGE PLANTS & BEDDING PLANTS, 1985-1986

Flowers, Foliage Plants and Bedding Plants	Units	Sales		% of Sales at Wholesale		Wholesale Price		Value of Sales at Wholesale 1/	
		1985	1986	1985	1986	1985	1986	1985	1986
		Thous.		Percent		Dollars		Thous. Dols.	
Cut Flowers									
Carnation, Standard	Blooms	1,756	995	78	65	16.60	17.90	291	178
Miniatures	Bunches	121	32	74	63	1.29	2.34	156	75
Chrysanthemums, Standard	Blooms	1,469	1,244	63	60	69.90	57.20	1,091	712
Pompon	Bunches	343	252	36	58	1.50	1.36	515	343
Roses, Hybrid Tea	Blooms	22,746	16,157	99	99	47.60	58.80	10,828	10,676
Sweetheart	Blooms	8,890	6,821	98	99	38.90	35.80	3,456	2,442
Other Cut Flowers		-	-	-	74	50	-	-	1,047
Total		-	-	-	-	-	-	**17,322**	**15,849**
Foliage for Indoor or Patio 2/									
Flowering Hanging Baskets	Baskets	596	936	60	91	4.38	4.31	2,610	4,034
Foliage Hanging Baskets	Baskets	592	1,158	89	95	4.51	4.16	2,670	4,817
Potted Foliage 3/		-	-	87	80	-	-	8,875	6,691
Total		-	-	-	-	-	-	**14,155**	**15,542**

1/ Equivalent wholesale value of all sales. 2/ 1985 data and 1986 data are not comparable, due to changing the time from 6 to 4 weeks of plants purchased from others. 3/ Crop not surveyed in 1985.

PENNSYLVANIA: FLOWERS, FOLIAGE PLANTS AND BEDDING PLANTS, 1985-1986

Flowers, Foliage Plants and Bedding Plants	Producers		Total Quantity				
			Sold			Intended	1987 as Percent
	1985	1986	Units	1985	1986	1987	of 1986
	Number			Thousand			Percent
Potted Flowering Plants 1/							
African Violets	28	37	Pots	731	1,159	861	74
Chrysanthemums	115	153	Pots	1,454	1,522	1,539	101
Finished Florist Azaleas 2/	-	77	Pots	-	296	306	103
Easter Lillies	201	183	Pots	677	704	708	101
Other Lillies	35	46	Pots	36	156	160	103
Poinsettias	284	313	Pots	3,348	3,419	3,720	109
Other Flowering Plants 1/	-	114	Pots	2,064	3,885	3,917	101
Bedding/Garden Plants (Flats) 1/							
Geraniums	74	94	Flats	391	390	390	100
Other Flowering and Foliage Type	359	372	Flats	2,337	2,461	2,643	107
Vegetable Type	315	338	Flats	756	631	658	104
Bedding/Garden Plants (Potted) 1/							
Hardy/Garden Chrysanthemums	232	179	Pots	1,454	1,582	1,648	104
Geraniums (Cutting)	341	379	Pots	5,024	4,497	4,717	105
Geraniums (Seed)	113	145	Pots	1,922	2,922	3,082	105
Other Flowering and Foliage Type	149	202	Pots	5,259	6,990	7,626	109
Potted Vegetable Type	118	135	Pots	596	599	593	99

1/ 1985 and 1986 data are not comparable, due to changing the time from 6 to 4 weeks of plants purchased from others. 2/ Crop not surveyed in 1985.

PENNSYLVANIA: FLOWERS, FOLIAGE PLANTS AND BEDDING PLANTS, 1985 1986

Flowers, Foliage Plants and Bedding Plants	Producers		Area for Production			
	1985	1986	1985	1986	Intended 1987	1987 as % of 1986
	Number		1,000 Sq. Ft.			Percent
Cut Flowers						
Carnation, Standard	24	20	119	67	52	78
Miniatures	18	9	27	14	14	100
Chrysanthemums, Standard	80	74	285	281	281	99
Pompom	76	69	327	274	274	64
Roses, Hybrid Tea	15	13	1,173	1,377	1,377	100
Sweetheart	13	11	384	277	277	100
Other Cut Flowers 1/	-	63	1,271	712	627	88
Foliage for Indoor or Patio						
Flowering hanging Baskets 1/	235	207	-	-	1,096	117
Foliage Hanging Baskets 1/	134	83	-	-	1,227	106
Potted Foliage	139	106	1,130	1,031	1,035	100

1/ Number of producers for 1985 not applicable because of combining crops. 2/ 1985 and 1986 data are not comparable, due to the hanging the time from 6 to 4 weeks of plants purchased from others.

NURSERY AND LANDSCAPING — 1985

By Norman W. Bennett

In 1985, gross receipts of the Commonwealth's 4,093 certified nurseries and dealers totaled 422.6 million dollars. Retail sales were 273.5 million dollars and accounted for nearly 65 percent of the total receipts. Sales by certified nurseries accounted for almost 54 percent of the total receipts while the nursery sales of certified dealers made up 46 percent of the total. The breakdown by source of products sold was: 53 percent self-grown, 33 percent purchased from other Pennsylvania establishments and 14 percent purchased from out of state establishments.

The nursery and landscaping industry employed 23,617 persons in 1985 with 44 percent of the total being employed full-time. In the industry work force there were also 2,895 unpaid family members. Salaries and wages paid totaled 108.8 million dollars while expenditures for services such as fertilizing, spraying, etc. totaled 4.8 million dollars.

The 1985 market value of land, structures and equipment used in Pennsylvania's nursery and landscaping industry came in at 571.3 million dollars. Total land used in nursery operations during 1985 was 59,352 acres. This includes land in certified nursery stock plus work areas and other land related with the nursery operation. Land used by operators of nursery product enterprises for all agricultural operations including nursery totaled 172,384 acres.

Nursery greenhouse area totaled 26.5 million square feet, cold frames covered 3.4 million square feet, shaded areas covered 2.1 million square feet and sales and storage areas covered 7.8 million square feet.

PENNSYLVANIA: NUMBER OF ESTABLISHMENTS, NUMBER OF EMPLOYEES, SALARIES, AND EXPEDITURES - 1985

Type Of Business	Number Of Establishments	Employees				Salaries And Wages Paid	Expenditures For Services 2/
		Unpaid Family	Hired 1/		Total Hired		
			Full Time	Part Time			
	Number					Dollars	
Nursery	2,211	2,173	4,748	7,648	12,396	55,393,250	2,085,569
Dealer	1,882	722	5,641	5,580	11,221	53,449,038	2,678,831
Total	4,093	2,895	10,389	13,228	23,617	108,842,288	4,764,400

PENNSYLVANIA: SALES, ORIGIN OF PRODUCTS, AND MARKET VALUE - 1985

Type Of Business	Gross Receipts 5/			Source Of Products Sold			Market Value 3/
	Wholesale	Retail	Total	Grown	Purchased		
					Penna.	Other	
	Dollars			Percent			Dollars
Nursery	124,937,679	101,670,111	226,607,790	76	14	10	385,906,428
Dealer	24,223,623	171,810,740	196,034,363	11	67	22	185,351,030
Total	149,161,302	273,480,851	422,642,153	53	33	14	571,257,458

PENNSYLVANIA: LAND AND COVERED AREAS - 1985

Type Of Business	Land Area		Covered Area - Nursery Useage			
	Ag. & Nursery Useage	Nursery Useage 4/	Greenhouse	Cold Frames	Shaded	Sheds
	Acres		Square Feet			
Nursery	155,810	54,063	24,243,475	2,612,203	1,171,775	3,051,459
Dealer	16,574	5,289	2,213,085	749,516	956,147	4,726,784
Total	172,384	59,352	26,456,560	3,361,719	2,127,922	7,780,243

1/ Employees considered full-time if employed 150 days or more.
2/ Services such as fertilizing, spraying, labor contracting, etc.
3/ Market value of land, structures, and equipment used in nursery product operations.
4/ Includes land in certified nursery stock plus work areas and other areas related with the nursery operation.
5/ Includes gross receipts from landscaping services performed and sales of nursery products.

PRICE AND INCOME REVIEW - 1986

BY JEFFREY T. BAILEY

Season average prices received by Pennsylvania farmers for crops and livestock for 1986 were mixed. The poultry and sheep sectors generally received more except all hay, were below last year. Potato price was above last year's low level. Hog prices were above 1985 while cattle prices, except calves, were down.

Cash income from farm marketings showed a decline in 1986. Preliminary estimates of income crops, livestock and livestock products for Pennsylvania totaled $3.10 billion during 1986 down 2 percent from 1985. Thc total receipts for crops were estimated at $920 million, down 5 percent from the previous year. Receipts from livestock products totaled $2.18 billion, the same as 1985.

Pennsylvania farmers production expenditures were estimated at $2.92 billion during 1985, down 3 percent from 1984. Total receipts from farm marketings and government payments increased slightly to $3.18 billion. Government payments were down 64 percent to $29 million. Net income per farm averaged $13,115 in 1985 down from the $14,545 a year earlier.

PENNSYLVANIA: PRICES RECEIVED BY FARMERS, MONTHLY, 1986

Commodity	Unit	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
							Dollars						
Corn	Bu.	2.97	2.95	2.99	2.98	2.95	2.90	2.87	2.73	2.40	2.43	2.37	2.62
Oats	Bu.	2.05	2.04	2.06	1.93	1.97	1.78	1.42	1.17	1.29	0.97	1.02	1.20
Barley	Bu.	2.85	2.57	2.52	2.30	2.17	1.68	1.62	1.67	1.78	1.70	1.63	1.86
Wheat	Bu.	3.84	3.65	3.85	3.56	3.54	3.18	3.06	2.91	2.86	3.01	3.13	3.47
Potatoes (All)	Cwt.	9.65	10.60	10.00	10.30	10.50	-	10.50	6.15	5.15	5.75	6.65	6.55
Alfalfa Hay	Ton	96.00	96.00	91.00	84.00	86.00	81.00	76.00	77.00	73.00	74.00	81.00	76.00
Other Hay	Ton	63.00	59.00	59.00	60.00	57.00	55.00	56.00	68.00	67.00	68.00	70.00	66.00
Hay, All Baled	Ton	85.00	84.00	80.00	76.00	78.00	72.00	66.00	64.00	65.00	64.00	70.00	68.00
Apples (Fresh Market)	Cwt.	14.40	14.10	14.80	15.10	14.80	-	20.70	19.70	20.80	17.80	18.50	19.40
Barrows & Gilts	Cwt.	50.90	50.70	50.10	44.80	42.60	43.40	47.70	47.70	45.30	42.40	45.70	45.70
Steers & Heifers	Cwt.	56.00	55.80	55.80	54.70	53.30	52.00	50.30	49.10	50.10	52.80	53.00	51.70
Cows, Slaughter	Cwt.	37.20	39.60	40.10	38.70	39.40	38.00	35.60	34.70	33.40	32.70	32.80	34.10
Calves	Cwt.	65.90	66.20	65.60	62.00	64.20	70.90	66.50	57.60	55.90	58.10	65.50	57.80
Milk Cows 1/	Head	950.00	-	-	950.00	-	-	930.00	-	-	890.00	-	-
Broilers & Roasters	Lb.	.28	.28	.31	.32	.29	.32	.32	.32	.32	.32	.32	.32
Milk (Wholesale)	Cwt.	14.30	14.00	13.70	13.30	12.90	12.50	12.50	12.50	12.50	12.90	12.90	12.90
Eggs (Market)	Doz.	.52	.46	.50	.50	.50	.47	.51	.52	.57	.60	.62	.67

1/ Estimated Quarterly.

PENNSYLVANIA: SEASON AVERAGE PRICES RECEIVED BY FARMERS, 1976-1986

Commodity	Unit	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
						Dollars						
Corn	Bu.	2.37	2.32	2.68	2.97	3.62	2.68	2.73	3.75	2.83	2.48	1.80
Oats	Bu.	1.64	1.47	1.42	1.53	2.13	2.01	1.74	1.89	1.94	1.26	1.10
Barley	Bu.	2.01	1.93	1.81	2.18	2.89	2.35	1.95	2.20	2.45	1.60	1.30
Wheat	Bu.	3.00	2.40	3.35	4.24	4.10	3.50	3.25	3.65	3.60	3.05	2.65
Potatoes	Cwt.	5.00	4.70	4.85	5.00	7.90	7.05	5.50	8.10	6.35	4.55	6.40
Hay, All Baled	Ton	58.00	75.00	62.00	55.00	75.00	93.00	89.00	98.00	85.00	67.50	77.50
Apples, All	Lb.	.083	.098	.089	.087	.075	.095	.093	.085	.092	.094	.083
Apples (Fresh Market)	Lb.	.121	.143	.145	.148	.129	.160	.151	.144	.144	.147	.161
Hogs, All	Cwt.	44.30	39.10	46.30	43.00	38.90	46.80	55.60	48.90	49.50	45.60	50.30
Steers & Heifers	Cwt.	37.00	37.70	50.80	66.80	65.60	58.00	57.90	56.30	57.70	52.60	52.50
Cows, Slaughter	Cwt.	26.10	25.70	36.90	51.40	47.60	40.60	38.70	38.40	37.60	36.20	35.10
Calves	Cwt.	42.40	45.70	64.30	97.90	93.20	86.70	69.60	70.00	64.30	63.00	65.10
Sheep	Cwt.	13.80	14.30	19.80	29.30	25.00	22.10	20.90	17.30	17.60	21.70	24.00
Lambs	Cwt.	48.70	48.30	70.00	74.40	62.60	66.80	60.80	62.40	64.60	67.00	70.30
Milk Cows	Head	638.00	662.00	743.00	1110.00	1280.00	1310.00	1200.00	1120.00	965.00	930.00	850.00
Farm Chickens	Lb.	.235	.199	.208	.206	.199	.170	.180	.160	.160	.120	.090
Broilers & Roasters	Lb.	.267	.252	.273	.275	.285	.300	.270	.280	.330	.310	.320
Turkeys	Lb.	.380	.402	.474	.460	.450	.450	.470	.470	.590	.500	.510
Milk (Wholesale)	Cwt.	10.40	10.40	11.10	12.70	13.60	14.20	14.00	14.00	13.90	13.10	12.90
Eggs 1/	Doz.	.57	.54	.49	.56	.51	.60	.56	.57	.70	.53	.57
Wool	Lb.	.60	.72	.76	.85	.78	.80	.37	.45	.70	.50	.62

1/ Beginning with 1981, average prices received are for market eggs only.

PENNSYLVANIA: AVERAGE ANNUAL PRICES PAID BY FARMERS FOR SELECTED ITEMS AND YEAR, 1975-1986

Item	Unit	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
						Dollars							
Motor Supplies:													
Gasoline, Unleaded...	Gal.	.55	.57	.60	.63	.87	1.21	1.36	1.27	1.22	1.21	1.21	.97
Diesel Fuel.....	Gal.	.38	.42	.48	.49	.72	.98	1.20	1.17	1.06	1.08	1.01	.84
Spark Plugs.....	Each	1.28	1.20	1.30	1.20	1.30	1.25	1.28	1.27	1.40	1.45	1.58	-
Feed:													
Chick Starter.....	Ton	165.00	172.50	176.00	176.00	199.00	212.00	229.00	208.00	227.00	231.00	203.00	194.00
Laying Feed.....	Ton	149.00	154.92	153.00	154.00	172.00	185.00	205.00	196.00	198.00	208.00	181.00	171.00
Dairy Feed-16%.....	Ton	137.00	144.33	144.50	144.00	164.00	180.00	199.00	181.00	195.00	197.00	169.00	163.00
Middlings.....	Cwt.	7.00	7.19	7.08	6.80	7.60	8.70	9.90	9.30	9.20	9.46	7.63	7.86
Soybean Oilmeal-44%..	Cwt.	8.78	10.77	12.95	11.60	13.00	14.00	14.80	13.40	14.20	13.10	10.18	11.60
Corn Meal.....	Cwt.	6.94	6.72	6.03	6.20	7.00	8.00	8.80	8.30	8.90	9.40	7.72	7.68

PENNSYLVANIA: PRICES PAID BY FARMERS FOR FEED, CHICKS AND PRICE-FEED RATIOS, QUARTERLY 1986 1/

Item	Unit	Jan.	Apr.	July	Oct.
			Dollars		
Poultry:					
Chick Starter.....	Ton	189	196	198	191
Broiler Grower.....	Ton	198	202	200	181
Turkey Grower.....	Ton	211	211	210	205
Laying Feed.....	Ton	176	177	173	158
Broiler-Type Chicks Straight Run	100	24.00	24.50	24.00	21.00
Egg-Type, Pure Bred Pullets.....	100	43.50	44.00	44.00	43.00
Egg-Type, Incross (Hybrid) Pullets.....	100	42.50	43.00	42.00	42.00
Dairy:					
Mixed Dairy Feed, 16%.....	Ton	170	169	160	154
Mixed Dairy Feed, 18%.....	Ton	176	174	166	161
Mixed Dairy Feed, 20%.....	Ton	179	178	170	167
Mixed Dairy Feed, 32%.....	Ton	224	226	220	225
Hog & Beef:					
Mixed Hog-Feed, 14-18%.....	Cwt.	9.50	9.48	9.50	8.90
Mixed Hog-Feed, 38-42%.....	Cwt.	13.40	13.50	13.40	13.50
Hog-Corn Price Ratio.....		17.6	15.8	23.6	30.6
Beef-Cattle Concentrate, 32-36%.	Cwt.	11.50	11.60	11.20	10.50
Ingredients:					
Bran.....	Cwt.	8.94	8.93	8.30	8.50
Corn Meal.....	Cwt.	7.86	7.84	7.90	7.10
Soybean Meal 44%.....	Cwt.	11.20	11.70	11.80	11.70
Cottonseed Meal, 41%.....	Cwt.	12.60	14.30	15.70	15.00
Stock Salt.....	Cwt.	8.66	8.73	8.70	8.80
Liquid Molasses.....	Cwt.	7.70	7.77	7.80	8.60

1/ Starting in 1986 all prices paid are estimated Quarterly for the Northest Region: CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, VT.

PENNSYLVANIA: CASH RECEIPTS FROM FARM MARKETING AND GOVERNMENT PAYMENTS, 1940-1986

Year	Cash Income From Farm Marketings			Government Payments	Total Marketings & Government Payments
	Crops	Livestock & Livestock Products	Total Crops & Livestock		
	Million Dollars				
1940	75.8	192.9	268.7	6.7	275.4
1950	161.1	533.2	694.3	6.3	700.6
1960	206.0	601.0	807.0	11.8	818.8
1970	260.9	775.9	1,036.8	25.2	1,062.0
1972	271.6	821.3	1,092.9	22.9	1,115.8
1973	368.2	985.3	1,353.5	15.3	1,368.8
1974	462.3	1,042.6	1,504.9	4.9	1,509.8
1975	475.6	1,124.8	1,600.4	5.3	1,605.7
1976	542.7	1,272.5	1,815.2	5.8	1,821.0
1977	596.5	1,301.3	1,897.8	7.5	1,905.3
1978	649.5	1,487.4	2,136.9	12.7	2,149.6
1979	726.2	1,749.7	2,475.9	6.0	2,481.9
1980	689.3	1,943.4	2,632.7	8.3	2,641.0
1981	765.2	2,147.9	2,913.1	11.9	2,925.0
1982	824.7	2,162.3	2,987.0	7.4	2,994.4
1983	789.8	2,222.6	3,012.4	30.1	3,042.5
1984	848.1	2,242.0	3,090.1	80.7	3,170.8
1985	966.2	2,183.8	3,150.0	28.6	3,178.6
1986	920.0	2,179.0	3,099.0	-	-

PENNSYLVANIA: PRODUCTION COSTS PER PLANTED ACRE; CORN, WHEAT, OATS, BARLEY - 1985

Item	Crop			
	Corn	Wheat	Oats	Barley
	Dollars			
Cash Receipts:				
Primary Crop	266.13	163.58	63.66	98.38
Secondary Crop	-	72.59	42.90	70.07
Total	266.13	236.17	106.56	168.45
Cash Expenses:				
Seed	16.76	13.66	12.65	9.59
Fertilizer	46.14	22.14	18.11	19.24
Lime and Gypsum	10.17	8.14	11.53	4.97
Chemicals	17.40	.28	2.25	.18
Custom Operations	8.05	5.65	5.31	6.89
Fuel, Lube, and Electricity	12.18	12.44	10.73	10.83
Repairs	12.11	10.67	9.47	8.85
Hired Labor	2.14	1.97	1.84	2.47
Drying	5.20	-	-	-
Miscellaneous	.34	3.31	1.34	1.96
Technical Services	.11	.14	.05	-
Total, Variable Expenses	130.60	78.40	73.28	64.97
General Farm Overhead	24.25	12.11	9.64	10.46
Taxes and Insurance	19.49	20.85	17.56	20.46
Interest	34.77	17.37	13.81	15.00
Total, Fixed Expenses	78.51	50.34	41.01	45.92
Total Cash Expenses	209.11	128.74	114.29	110.90
Receipts Less Cash Expenses	57.02	107.43	-7.73	57.55
Capital Replacement	29.62	34.29	30.07	28.75
Receipts Less Cash Expenses and Replacement	27.40	73.14	-37.80	28.80
Economic (Full Ownership) Costs:				
Variable Expenses	130.60	78.40	73.28	64.97
General Farm Overhead	24.25	12.11	9.64	10.46
Taxes and Insurance	19.49	20.85	17.56	20.46
Capital Replacement	29.62	34.29	30.07	28.75
Allocated Returns to Owned Inputs:				
Return to Operating Capital	3.54	3.82	1.66	1.09
Return to Other Nonland Capital	13.09	14.48	13.64	12.62
Net Land Rent	24.66	25.25	15.78	31.52
Unpaid Labor	17.26	22.60	18.59	16.51
Total, Economic Costs	262.54	211.81	180.41	186.39
Residual Returns to Management and Risk	3.59	24.36	-73.85	-17.94
Total, Returns to Owned Inputs	62.17	90.51	-23.98	43.80
Harvest-Period Price (Dollars/Bu.)	2.43	3.57	.97	1.70
Yield (Bu./Planted Acre)	109.52	45.82	65.63	57.87

All Costs and Returns are Preliminary as of 08/01/86.

PENNSYLVANIA: FARM INCOME INDICATORS, 1976-85

Item	1976	1977	1978	1979	1980
			Million Dollars		
Gross farm income 1/	2,103.4	2,204.6	2,502.2	2,967.3	3,086.1
cash income	1,840.0	1,927.1	2,179.9	2,526.8	2,687.6
Farm marketings	1,815.2	1,897.8	2,136.9	2,475.9	2,632.7
Crops	542.7	596.5	649.5	726.2	689.3
Livestock and products	1,272.5	1,301.3	1,487.4	1,749.7	1,943.4
Government payments	5.8	7.5	12.7	6.0	8.3
Other farm income	19.0	21.9	30.4	44.8	46.6
Machine hire/customwork	12.1	13.1	9.3	10.8	9.5
Other farm-related income 2/	6.9	8.7	21.2	34.1	37.1
Noncash income	226.9	271.5	326.9	346.0	405.7
Value of home consumption	37.6	49.0	74.9	51.2	48.4
Rental value of dwellings	169.4	222.5	251.9	294.7	357.3
Operators dwellings	184.3	217.5	247.5	290.5	353.0
Hired laborers dwellings	5.0	5.0	4.5	4.3	4.3
Value of inventory adjustment	36.5	6.0	-4.7	94.5	-7.2
Total production expenses 1/	1,736.7	1,872.1	2,073.9	2,387.9	2,720.6
Intermediate product expenses	990.7	1,052.8	1,205.9	1,402.5	1,618.4
Farm origin	491.0	506.8	559.6	673.2	785.7
Feed	401.3	399.1	433.3	522.6	615.8
Livestock	47.2	59.2	72.5	93.3	108.4
Seed	42.5	50.5	53.9	57.4	61.5
Manufactured inputs	231.1	241.5	282.6	304.9	393.3
Fertilizer and lime	103.6	101.9	114.9	110.5	154.1
Pesticides	26.8	24.8	34.2	42.7	42.4
Fuel and oil	76.6	87.1	95.3	111.6	154.3
Electricity	23.9	27.7	38.2	40.1	42.6
Other	268.6	302.5	363.7	424.4	439.4
Repair and operation	126.3	143.2	178.6	195.3	206.4
Other miscellaneous 3/	142.3	159.3	185.1	229.1	230.9
Interest	101.9	113.0	136.1	172.6	222.9
Real estate	60.0	68.0	79.2	99.2	127.2
Nonreal estate	41.9	45.0	59.0	73.4	95.7
Contract and hired labor expenses	219.9	221.7	203.0	221.3	230.1
Cash labor expenses 4/	203.4	204.9	187.9	205.0	213.3
Perquisites	16.5	16.8	15.1	16.3	16.8
Net rent to nonoperator landords 5/	-6.7	-8.3	-9.0	-12.2	-16.8
Capital consumption	368.6	424.3	466.8	524.3	595.5
Business taxes	62.2	68.7	69.1	79.3	70.4
NET FARM INCOME	366.7	332.5	428.2	579.3	365.5
Cash income 6/	1,840.0	1,927.1	2,179.9	2,526.8	2,687.6
Cash expenses 6/	1,316.2	1,387.6	1,541.2	1,795.5	2,045.8
Intermediate product expenses	972.8	1,026.6	1,176.0	1,374.2	1,583.7
Interest	92.8	102.8	126.4	158.2	204.8
Cash labor expenses 4/	203.4	204.9	187.9	205.0	213.3
Net rent to nonoperator landlords 5/	-6.7	-8.3	-9.0	-12.2	-16.8
Business taxes	53.9	59.6	59.9	70.2	60.6
NET CASH INCOME	523.8	539.5	638.7	731.3	641.8
Cash income	1,840.0	1,927.1	2,179.9	2,526.8	2,687.6
Cash expenses	1,316.2	1,387.6	1,541.2	1,795.5	2,045.8
Capital consumption	306.6	350.8	384.4	430.6	484.8
NET BUSINESS INCOME 7/	217.2	188.7	254.3	300.7	157.0
Gross receipts of farms 8/	1,919.1	1,987.1	2,254.7	2,676.8	2,733.2
Nonfactor payments 6/	1,333.4	1,439.0	1,620.3	1,875.0	2,129.3
Intermediate product expenses	972.8	1,026.6	1,176.0	1,374.2	1,583.7
Capital consumption	306.6	350.8	384.4	430.6	484.8
Business taxes	53.9	59.6	59.9	70.2	60.8
Factor payments 6/	585.7	548.1	634.4	801.8	603.9
Interest	92.8	102.8	126.4	158.2	204.8
Contract and hired labor expenses	219.9	221.7	203.0	221.3	230.1
Net rent to nonoperator landlords 5/	-6.7	-8.3	-9.0	-12.2	-16.8
RETURNS TO OPERATORS 9/	279.7	231.9	314.0	434.4	185.7
Off-farm income 10/	651.3	665.5	788.6	934.6	958.2
			Number		
Number of farms	65,000	62,000	60,000	61,000	62,000

1/ Includes operator households. 2/ Includes forest product sales, recreational income, and other farm business-related income. Estimates for 1982 and later include income from custom feeding services. 3/ Includes machine hire and customwork expenses; marketing, storage, and transportation expenses; and miscellaneous expenses. Definitions and data sources for 1978 and later are not directly compatible with those of earlier years. 4/ Includes contract labor expenses, hired labor wages, and Social Security payments. continued--

PENNSYLVANIA: FARM INCOME INDICATORS, 1976-85--CONTINUED

Item	1981	1982	1983	1984	1985
			Million Dollars		
Gross Farm Income 1/	3,556.6	3,413.4	3,392.8	3,855.3	3,662.8
Cash income	2,976.7	3,049.4	3,097.6	3,239.3	3,261.3
Farm marketings	2,913.1	2,987.1	3,012.3	3,090.1	3,150.0
Crops	765.2	824.7	789.8	848.1	966.2
Livestock and products	2,147.9	2,162.3	2,222.6	2,242.0	2,183.8
Government payments	11.9	7.4	30.1	80.7	26.6
Other farm income	51.7	54.9	55.3	68.6	82.7
Machine hire/customwork	10.3	10.4	7.2	8.6	11.6
Other farm-related income 2/	41.4	44.4	48.0	60.0	70.9
Noncash income	434.3	423.4	413.9	439.2	386.1
Value of home consumption	39.2	44.2	41.1	39.7	33.5
Rental value of dwellings	395.1	379.2	372.8	399.5	352.6
Operators dwellings	390.8	374.1	367.6	394.7	348.2
Hired laborers dwellings	4.3	5.0	5.0	4.8	4.4
Value of inventory adjustment	145.6	-59.4	-118.7	176.8	15.3
Total production expenses 1/	2,914.3	2,924.2	3,098.8	3,011.8	2,921.7
Intermediate product expenses	1,705.6	1,654.0	1,844.9	1,743.0	1,705.4
Farm origin	827.6	765.3	899.2	812.1	819.9
Feed	555.2	603.4	729.9	647.4	654.2
Livestock	109.1	105.4	116.1	103.4	105.7
Seed	63.2	56.5	53.2	61.4	60.0
Manufactured inputs	423.7	405.8	384.8	359.0	344.0
Fertilizer and lime	166.5	158.3	143.1	116.7	112.1
Pesticides	48.4	47.4	46.1	52.8	55.0
Fuel and oil	159.9	142.4	135.1	128.4	118.4
Electricity	48.9	57.6	60.5	61.1	58.5
Other	454.3	483.0	560.8	571.8	541.5
Repair and operation	202.0	206.0	203.9	216.4	214.7
Other miscellaneous 3/	252.4	277.0	357.0	355.4	326.9
Interest	273.4	297.2	288.4	279.4	251.7
Real estate	156.6	173.5	175.4	172.1	143.1
Nonreal estate	116.9	123.7	113.0	107.3	108.6
Contract and hired labor expenses	222.3	254.3	243.5	243.6	250.6
Cash labor expenses 4/	206.2	235.8	225.6	224.7	233.4
Perquisites	16.1	18.5	17.9	19.0	17.1
Net rent to nonoperator landlords 5/	-14.9	-21.2	-23.6	-5.9	-12.9
Capital consumption	650.6	657.1	658.9	661.0	628.1
Business taxes	77.3	82.9	86.8	90.7	98.6
NET FARM INCOME	642.3	489.1	294.0	843.6	741.0
Cash income 6/	2,976.7	3,049.4	3,097.6	3,239.3	3,261.3
Cash expenses 6/	2,183.5	2,179.8	2,348.6	2,251.2	2,195.5
Intermediate product expenses	1,674.0	1,618.8	1,808.9	1,700.9	1,662.6
Interest	251.4	272.7	260.9	251.3	224.5
Cash labor expenses 4/	206.2	235.8	225.6	224.7	233.4
Net rent to nonoperator landlords 5/	-14.9	-21.2	-23.6	-5.9	-12.9
Business taxes	66.9	73.7	76.8	80.2	87.8
NET CASH INCOME	793.2	869.6	749.0	988.1	1,065.8
Cash income	2,976.7	3,049.4	3,097.6	3,239.3	3,261.3
Cash expenses	2,183.5	2,179.8	2,348.6	2,251.2	2,195.5
Capital consumption	534.9	542.3	538.4	536.5	506.6
NET BUSINESS INCOME 7/	258.3	327.2	210.6	451.6	559.0
Gross receipts of farms 8/	3,165.8	3,039.2	3,025.0	3,460.7	3,314.6
Nonfactor payments 6/	2,275.8	2,234.9	2,424.1	2,317.6	2,257.2
Intermediate product expenses	1,674.0	1,618.8	1,808.9	1,700.9	1,662.6
Capital consumption	534.9	542.3	538.4	536.5	506.8
Business taxes	66.9	73.7	76.8	80.2	87.6
Factor payments 6/	890.0	804.3	600.9	1,143.1	1,057.3
Interest	251.4	272.7	260.9	251.3	224.5
Contract and hired labor expenses	222.3	254.3	243.3	243.6	250.6
Net rent to nonoperator landlords 5/	-14.9	-21.2	-23.6	-5.9	-12.9
RETURNS TO OPERATORS 9/	431.3	298.6	120.0	654.0	595.1
Off-farm income 10/	988.7	1,006.0	1,022.4	1,045.9	1,127.4
			Number		
Number of farms	61,000	60,000	59,000	58,000	58,000

5/ Uses different data sources for periods before 1979, 1979-83, and 1984 and later. Estimates are not directly compatible among periods. 6/ Excludes operator households. 7/ Cash income less cash expenses and capital consumption. 8/ Gross farm income less rental value of operators' dwellings. 9/ Gross receipts of farms less nonfactor payments, interest, wages to contract and hired labor, and net rent to nonoperator landlords. 10/ Includes off-farm income for members of farm operators' households only.

PENNSYLVANIA: CASH RECEIPTS FROM SALE OF AGRICULTURAL PRODUCTS FROM FARMS BY COMMODITIES, 1983-1985 1/

Commodity	1983		1984		1985	
	Value	Percent Of Total	Value	Percent Of Total	Value	Percent Of Total
	Thous. Dols.	Percent	Thous. Dols.	Percent	Thous. Dols.	Percent
ALL COMMODITIES	3,012,316	100.0	3,090,100	100.0	3,149,980	100.0
LIVESTOCK PRODUCTS	2,222,559	73.8	2,242,027	72.6	2,183,827	69.3
MEAT ANIMALS	431,942	14.3	441,157	14.3	399,582	12.7
Cattle/Calves	310,882	10.3	303,701	9.8	294,681	9.4
Hogs	118,363	3.9	133,953	4.3	102,086	3.2
Sheep/Lambs	2,697	.1	3,503	.1	2,815	.1
DAIRY PRODUCTS	1,330,863	44.2	1,305,705	42.3	1,311,305	41.6
Milk Wholesale	1,262,100	41.9	1,250,305	40.5	1,251,705	39.7
Milk Retail	68,763	2.3	55,400	1.8	59,600	1.9
POULTRY AND EGGS	421,525	14.0	448,653	14.5	417,155	13.2
Eggs	230,838	7.7	255,660	8.3	218,808	6.9
Broilers	117,833	3.9	121,006	3.9	123,294	3.9
Turkeys	60,724	2.0	64,782	2.1	67,450	2.1
Chickens, Farm	12,130	.4	7,205	.2	7,603	.2
MISCELLANEOUS LIVESTOCK	38,229	1.3	46,512	1.5	55,785	1.8
Wool	291	*	462	*	285	*
Other Livestock	37,938	1.3	46,050	1.5	55,500	1.8
CROPS	789,757	26.2	848,073	27.4	966,153	30.7
FOOD GRAINS	23,790	.8	23,659	.8	25,359	.8
Wheat	23,028	.8	22,947	.7	24,610	.8
Rye	762	*	712	*	749	*
FEED CROPS	164,403	5.5	160,809	5.2	256,523	8.1
Corn	81,889	2.7	66,533	2.2	176,429	5.6
Hay	70,112	2.3	82,689	2.7	68,136	2.2
Oats	9,051	.3	5,944	.2	7,301	.2
Barley	3,351	.1	5,643	.2	4,657	.1
TOBACCO	20,436	.7	21,219	.7	20,984	.7
OIL CROPS	23,409	.8	30,284	1.0	29,561	.9
VEGETABLES	70,258	2.3	80,193	2.6	77,704	2.5
Potatoes	29,256	1.0	31,108	1.0	28,229	.9
Tomatoes	16,279	.5	17,020	.6	16,093	.5
Corn, Sweet	10,103	.3	15,477	.5	13,880	.4
Beans, Snap	1,568	.1	2,822	.1	3,196	.1
Miscellaneous Vegetables	13,052	.4	13,766	.4	16,306	.5
FRUITS AND NUTS	81,949	2.7	88,087	2.9	88,794	2.8
Apples	41,818	1.4	51,023	1.7	59,360	1.9
Peaches	15,590	.5	16,173	.5	9,739	.3
Grapes	10,596	.4	8,484	.3	7,375	.2
Strawberries	5,810	.2	4,146	.1	3,473	.1
Cherries	5,048	.2	3,411	.1	2,206	.1
Pears	687	*	950	*	641	*
Miscellaneous Fruits & Nuts	2,400	.1	3,900	.1	6,000	.2
ALL OTHER CROPS	405,512	13.5	443,822	14.4	467,228	14.8
Greenhouse/Nursery	216,130	7.2	244,434	7.9	277,720	8.8
Mushrooms	187,305	6.2	196,488	6.4	185,758	5.9
Other Field Crops	2,077	.1	2,900	.1	3,750	.1

1/ Percentages may not be accurate to 0.1 in last digit because of method of machine computation. * Less than 0.05 percent .

PENNSYLVANIA: CASH RECEIPTS FROM THE SALE OF AGRICULTURAL CROPS, BY COUNTIES, 1985 1/

County & District	Crops				Total All Crops
	Field	Vegetables & Potatoes	Fruits	Horticulture & Mushrooms	
	Thousand Dollars				
Crawford	7,680	811	95	827	9,413
Erie	5,860	8,415	9,774	6,531	30,580
Forest	88	6	0	0	94
Mercer	6,917	878	110	3,372	11,277
Venango	1,142	64	57	525	1,788
Warren	1,288	377	39	27	1,731
NORTHWESTERN, TOTAL	**22,975**	**10,551**	**10,075**	**11,282**	**54,883**
Bradford	4,935	315	136	386	5,772
Cameron	31	4	0	0	35
Clinton	2,345	883	20	14	3,262
Elk	289	23	4	5	321
Lycoming	6,364	810	289	1,907	9,370
McKean	452	4	24	402	882
Potter	1,212	2,812	2	28	4,054
Sullivan	520	109	0	0	629
Tioga	2,818	191	19	250	3,278
NORTH CENTRAL, TOTAL	**18,966**	**5,151**	**494**	**2,992**	**27,603**
Lackawanna	877	3,432	15	170	4,494
Susquehanna	3,021	98	40	69	3,228
Wayne	1,934	61	1	667	2,663
Wyoming	1,459	355	213	223	2,250
NORTHEASTERN, TOTAL	**7,291**	**3,946**	**269**	**1,129**	**12,635**
Armstrong	4,410	279	101	48,307	53,097
Beaver	2,177	270	219	1,131	3,797
Butler	5,868	1,388	61	28,450	35,767
Clarion	2,818	466	68	332	3,684
Indiana	5,288	796	170	4,915	11,169
Jefferson	2,081	174	17	764	3,036
Lawrence	5,522	158	175	3,363	9,218
WEST CENTRAL, TOTAL	**28,164**	**3,531**	**811**	**87,262**	**119,768**
Blair	3,384	531	886	806	5,607
Cambria	2,042	3,361	48	1,528	6,979
Centre	6,193	748	298	708	7,947
Clearfield	1,616	155	80	1,143	2,994
Columbia	6,519	2,389	701	4,740	14,349
Dauphin	6,288	1,063	678	1,205	9,234
Huntingdon	3,867	137	192	250	4,446
Juniata	3,849	159	1,654	18	5,680
Mifflin	3,695	215	226	198	4,334
Montour	2,626	466	56	551	3,699
Northumberland	7,869	1,744	568	708	10,889
Perry	4,782	121	160	314	5,377
Snyder	4,215	1,227	1,315	123	6,880
Union	4,005	521	81	63	4,670
CENTRAL, TOTAL	**60,950**	**12,837**	**6,943**	**12,355**	**93,085**
Carbon	968	397	99	652	2,116
Lehigh	8,760	2,661	5,123	1,106	17,650
Luzerne	2,131	4,203	262	3,099	9,695
Monroe	965	165	25	265	1,420
Northampton	9,339	1,042	1,468	1,689	13,538
Pike	167	244	0	25	436
Schuylkill	4,694	4,754	1,001	435	10,884
EAST CENTRAL, TOTAL	**27,024**	**13,466**	**7,978**	**7,271**	**55,739**
Allegheny	894	822	2,104	9,052	12,872
Fayette	3,323	231	1	1,459	5,014
Greene	1,523	85	1	428	2,037
Somerset	4,774	1,504	155	1,008	7,441
Washington	5,618	928	457	2,522	9,525
Westmoreland	6,742	719	176	5,844	13,481
SOUTHWESTERN, TOTAL	**22,874**	**4,289**	**2,894**	**20,313**	**50,370**
Adams	7,272	1,122	35,266	1,426	45,086
Bedford	5,252	174	909	63	6,398
Cumberland	8,903	542	1,493	2,980	13,918
Franklin	10,378	780	9,136	549	20,843
Fulton	2,270	62	0	69	2,401
York	21,057	5,598	3,556	5,123	35,334
SOUTH CENTRAL, TOTAL	**55,132**	**8,278**	**50,360**	**10,210**	**123,980**
Berks	18,028	961	3,431	74,262	96,682
Bucks	12,463	4,277	741	14,177	31,658
Chester	14,306	1,002	1,160	192,435	208,903
Delaware	324	58	206	11,018	11,606
Lancaster	30,641	7,657	2,708	10,459	51,465
Lebanon	6,618	1,110	392	2,385	10,505
Montgomery	6,427	590	327	8,900	16,244
Philadelphia	249	0	5	781	1,035
SOUTHEASTERN, TOTAL	**89,056**	**15,655**	**8,970**	**314,417**	**428,098**
PENNSYLVANIA	**332,427**	**77,704**	**88,794**	**467,228**	**966,153**

1/ Totals may not add due to rounding.

PENNSYLVANIA: CASH RECEIPTS FROM THE SALE OF LIVESTOCK AND LIVESTOCK PRODUCTS, GOVERNMENT PAYMENTS AND TOTAL CASH RECEIPTS BY COUNTIES, 1985 1/

County & District	Livestock And Products				Government Payments 2/	Total All Crops, Livestock Products & Gov't Payments
	Meat Animals & Misc. Livestock	Dairy	Poultry	Total Livestock & Products		
	Thousand Dollars					
Crawford	6,519	39,254	2,766	48,539	664	58,616
Erie	6,167	32,954	369	39,490	554	70,624
Forest	106	594	18	718	13	825
Mercer	5,608	20,440	285	26,333	582	38,192
Venango	1,764	3,200	42	5,006	140	6,934
Warren	1,956	8,642	243	10,841	126	12,698
NORTHWESTERN, TOTAL	**22,120**	**105,084**	**3,723**	**130,927**	**2,079**	**187,889**
Bradford	15,114	74,852	2,829	92,795	575	99,142
Cameron	0	283	9	292	6	333
Clinton	2,688	7,051	326	10,065	292	13,619
Elk	873	1,112	1,104	3,089	36	3,446
Lycoming	4,878	13,519	921	19,318	517	29,205
McKean	697	3,145	49	3,891	93	4,866
Potter	2,128	12,961	111	15,200	176	19,430
Sullivan	1,097	3,898	42	5,037	62	5,728
Tioga	4,877	39,556	1,023	45,456	501	49,235
NORTH CENTRAL, TOTAL	**32,352**	**156,377**	**6,414**	**195,143**	**2,258**	**225,004**
Lackawanna	2,462	5,254	55	7,771	126	12,391
Susquehanna	4,222	39,989	123	44,334	267	47,829
Wayne	4,262	29,062	2,997	36,321	224	39,208
Wyoming	4,151	13,300	433	17,884	146	20,280
NORTHEASTERN, TOTAL	**15,097**	**87,605**	**3,608**	**106,310**	**763**	**119,708**
Armstrong	3,460	8,743	119	12,322	309	65,728
Beaver	1,551	5,890	232	7,673	44	11,514
Butler	5,475	10,592	1,045	17,112	392	53,271
Clarion	2,349	9,122	164	11,635	325	15,644
Indiana	4,492	13,114	2,943	20,549	332	32,050
Jefferson	1,555	6,510	156	8,221	194	11,451
Lawrence	3,825	11,493	1,409	16,727	391	26,336
WEST CENTRAL, TOTAL	**22,707**	**65,464**	**6,068**	**94,239**	**1,987**	**215,994**
Blair	4,481	26,094	483	31,058	313	36,978
Cambria	4,388	4,565	318	9,271	226	16,476
Centre	4,928	22,745	135	27,808	538	36,293
Clearfield	1,076	5,122	59	6,257	97	9,348
Columbia	4,151	6,589	1,694	12,434	381	27,164
Dauphin	8,395	15,154	11,578	35,127	335	44,696
Huntingdon	4,643	19,539	1,449	25,631	341	30,418
Juniata	4,017	17,507	10,201	31,725	462	37,867
Mifflin	5,042	27,238	2,724	35,004	303	39,641
Montour	2,706	3,600	478	6,784	336	10,819
Northumberland	9,195	8,246	6,157	23,598	962	35,449
Perry	4,795	17,484	6,558	28,837	605	34,819
Snyder	6,668	11,657	7,817	26,142	248	33,270
Union	7,161	12,689	4,327	24,177	251	29,098
CENTRAL, TOTAL	**71,646**	**198,229**	**53,978**	**323,853**	**5,398**	**422,336**
Carbon	605	620	135	1,360	182	3,658
Leigh	3,011	2,947	1,064	7,022	493	25,165
Luzerne	1,405	4,043	1,178	6,626	271	16,592
Monroe	1,089	795	49	1,933	194	3,547
Northampton	3,779	12,610	1,103	17,492	1,058	32,088
Pike	105	175	29	309	10	755
Schuylkill	5,895	5,497	11,083	22,475	612	33,971
EAST CENTRAL, TOTAL	**15,889**	**26,687**	**14,641**	**57,217**	**2,820**	**115,776**
Allegheny	2,553	1,691	246	4,490	32	17,394
Fayette	3,815	7,173	647	11,635	370	17,019
Greene	2,947	2,333	36	5,316	196	7,549
Somerset	7,486	30,275	790	38,551	376	46,368
Washington	5,991	16,802	217	23,010	367	32,902
Westmoreland	6,623	17,349	729	24,701	420	38,602
SOUTHWESTERN, TOTAL	**29,415**	**75,623**	**2,665**	**107,703**	**1,761**	**159,834**
Adams	20,920	17,332	17,810	56,062	796	101,944
Bedford	7,649	30,012	149	37,810	450	44,658
Cumberland	13,866	45,139	4,582	63,587	766	78,271
Franklin	18,692	81,650	9,089	109,431	910	131,184
Fulton	2,242	9,392	36	11,670	316	14,387
York	26,592	29,476	11,296	67,364	801	103,499
SOUTH CENTRAL, TOTAL	**89,961**	**213,001**	**42,962**	**345,924**	**4,039**	**473,943**
Berks	25,023	48,385	9,496	82,904	948	180,534
Bucks	5,825	12,508	1,802	20,135	177	51,970
Chester	18,776	55,024	10,142	83,942	828	293,673
Delaware	1,653	735	18	2,406	62	14,074
Lancaster	154,429	210,769	160,726	525,924	902	578,291
Lebanon	20,209	45,238	23,025	88,472	340	99,317
Montgomery	5,313	10,576	2,818	18,707	238	35,189
Philadelphia	0	0	10	10	0	1,045
SOUTHEASTERN, TOTAL	**231,228**	**383,235**	**208,037**	**822,500**	**3,495**	**1,254,093**
PENNSYLVANIA	**530,420**	**1,311,305**	**342,102**	**2,183,827**	**24,602**	**3,174,582**

1/ Totals may not add due to rounding. 2/ Differs from Government payments shown in preceeding tables due to different accounting periods used.

RECORD HIGHS AND LOWS IN PENNSYLVANIA AGRICULTURE 1/

Field Crops & Vegetables	Year Estimates Started		Acreage		Yield			Production	
			Harvested	Year	Unit	Per Acre	Year	Total	Year
			1,000					1,000	
Corn For Grain.....	1866	High	1,861	1981	Bu.	110	1985	151,800	1985
		Low	1,120	1866		22	1930	19,074	1930
Corn For Silage.....	1919	High	530	1983	Ton	16.5	1985	7,448	1982
		Low	156	1921		6.0	1930	1,326	1923
Wheat.....	1866	High	1,610	1901	Bu.	46	1985	26,565	1901
		Low	200	1983		10.5	1872	7,095	1978
Oats.....	1866	High	1,330	1888	Bu.	70	1985	44,165	1918
		Low	270	1986		17.5	1890	14,878	1943
Barley.....	1866	High	245	1955	Bu.	62	1985	9,900	1967
		Low	7	1915		17.5	1901	130	1914
Rye.....	1866	High	398	1879	Bu.	37	1985	4,368	1891
		Low	11	1981		9	1870	186	1951
Soybeans.....	1924	High	170	1985	Bu.	35	1986	5,950	1985
		Low	2	1935		13	1957	33	1935
All Hay.....	1866	High	3,300	1892	Ton	2.66	1985	5,302	1985
		Low	1,870	1976		1.00	1911	2,255	1866
Alfalfa Hay.....	1919	High	850	1983	Ton	3.30	1985	2,772	1985
		Low	31	1919		1.60	1957	65	1919
Potatoes.....	1866	High	308	1917	Cwt.	260	1985	19,662	1934
		Low	21	1982		38	1876	4,180	1960
Tobacco.....	1866	High	49	1918	Lbs.	2,050	1981	72,275	1918
		Low	3	1869		730	1881	3,390	1867
Mushrooms.....	1966	High	-	-	Lbs.	-	-	279,654	1984
		Low	-	-		-	-	93,000	1966
Snap Beans (Proc.)..	1918	High	10.0	1965	Ton	3.43	1985	18.5	1967
		Low	.1	1921		.8	1930	.3	1921
Sweet Corn (Fresh)..	1939	High	29.4	1944	Cwt.	73	1984	1,250	1944
		Low	10.9	1972		35	1939	545	1972
Sweet Corn (Proc.)..	1918	High	16.7	1943	Ton	4.66	1984	44.9	1956
		Low	1.1	1921		.90	1930	3.0	1921
Strawberries.....	1918	High	4.1	1937	Cwt.	42	1982	125.3	1937
		Low	1.1	1974		14	1945	2.7	1945
Tomatoes (Fresh)....	1918	High	4.8	1985	Cwt.	170	1984	768	1985
		Low	.5	1926		53	1926	27	1926
Tomatoes (Proc.)....	1918	High	37.2	1945	Ton	20.4	1976	225.0	1956
		Low	.9	1921		2.9	1946	4.3	1921

1/ In some cases the record high and/or low is identical for more than one year. In such cases, the year shown is the latest year of occurrence.

RECORD HIGHS AND LOWS IN PENNSYLVANIA AGRICULTURE (CONTINUED) 1/

Fruit	Year Estimates Started	Unit		Production	
				Total	Year
Apples	1889	Mil. Lbs.	High	1,114	1896
			Low	78	1921
Tart Cherries	1936	Mil. Lbs.	High	35.0	1964
			Low	3.2	1977
Sweet Cherries	1938	Ton	High	2,200	1940
			Low	200	1972
Peaches	1899	Mil. Lbs.	High	148.8	1954
			Low	6.9	1899
Pears	1909	Ton	High	21,125	1920
			Low	1,900	1973
Grapes	1909	Ton	High	62,500	1983
			Low	6,000	1945

Livestock & Products	Year Estimates Started	Unit		Inventory January 1 Or Production	
				Total	Year
Cattle & Calves	1867	1,000	High	2,100	1982
			Low	1,250	1927
Milk Cows	1867	1,000	High	1,039	1956
			Low	670	1867
Hogs & Pigs	1867	1,000	High	1,265	1919
			Low	386	1966
Sheep	1867	1,000	High	2,985	1867
			Low	88	1984
Chickens (All)	1924	1,000	High	26,186	1946
			Low	13,850	1975
Turkeys (Raised)	1929	1,000	High	7,800	1986
			Low	192	1929
Broilers Produced	1939	1,000	High	115,056	1981
			Low	2,500	1939
Milk	1929	Mil. Lbs.	High	10,152	1986
			Low	2,242	1929
Eggs	1924	Mil. Eggs	High	4,774	1985
			Low	1,649	1924
Wool	1909	1,000 Lbs.	High	4,514	1911
			Low	570	1985

1/ In some cases the record high and/or low is indentical for more than one year. In such cases the year shown is the latest year of occurrence.

PENNSYLVANIA: RANK AMONG STATES IN CROP PRODUCTION, 1986

Item	1	2	3	4	5	6	7	8	9	10	PA if Not in Top 10
Corn for Grain	IA	IL	NE	MN	IN	OH	WI	MO	MI	SD	14
Corn for Silage	WI	NY	PA	MN	CA	MI	IA	NE	VA	SD	-
Winter Wheat	KS	OK	TX	WA	CO	NE	MO	SD	OR	ID	23
Oats	WI	SD	MN	ND	IA	NE	MI	PA	IL	NY	-
Barley	ND	MT	ID	MN	WA	SD	CA	CO	OR	UT	17
Rye	SD	ND	GA	MN	NE	OK	MI	PA	NC	NY	-
All Hay	WI	MN	SD	CA	IA	TX	NE	KS	MO	MI	13
All Other Hay	TX	MO	SD	KS	OK	KY	NY	NE	PA	ND	-
Alfalfa Hay	WI	MN	CA	SD	IA	MI	NE	ID	KS	ND	13
Soybeans for Beans	IL	IA	MO	MN	IN	OH	NE	AR	KS	MS	25
Tobacco	NC	KY	TN	SC	VA	GA	MD	PA	OH	WI	-
Potatoes	ID	WA	OR	ND	ME	CO	WI	CA	MN	MI	13
Apples	WA	NY	MI	PA	CA	VA	WV	OR	NJ	NC	-
Peaches	CA	SC	GA	NJ	PA	MI	WA	VA	NC	WV	-
Pears	CA	WA	OR	NY	MI	PA	UT	CO	CT	-	-
Grapes	CA	NY	WA	PA	MI	AZ	OH	AR	MO	GA	-
Cherries, Sweet	WA	OR	MI	CA	ID	UT	NY	PA	-	-	-
Cherries, Tart	MI	UT	NY	PA	OR	WI	CO	-	-	-	-
Vegetables, Fresh	CA	FL	AZ	TX	OR	NY	CO	WA	MI	ID	15
Vegetables, Processing	CA	WI	MN	OR	OH	WA	MI	NY	IL	ID	15
Mushrooms	PA	CA	MI	DE	NY	MD	-	-	-	-	-

PENNSYLVANIA: RANKING OF COUNTIES IN CROP PRODUCTION, 1986

Item	1	2	3	4	5	6	7	8	9	10
Wheat	York	Lanc.	Berks	Lehigh	Cumb.	Adams	North'tn.	Frank.	North'ld.	Chester
Corn for Grain	Lanc.	Berks	York	Chester	Cumb.	North'tn.	Frank.	North'ld.	Leb.	Lycoming
Corn for Silage	Lanc.	Frank.	Brad.	Berks	Leb.	Chester	Somer.	Cumb.	Bedford	York
Oats	Somer.	Craw.	Mercer	Cambria	Butler	Indiana	Brad.	Centre	North'ld	York
Barley	York	Lanc.	Berks	Frank.	Chester	Leb.	Cumb.	Adams	Dauphin	Lehigh
Soybeans	Bucks	York	Chester	Lanc.	North'ld.	Leb.	Montg.	Berks.	Adams	North'tn.
Alfalfa Hay	Lanc.	Berks	Brad.	Chester	Wash.	Frank.	Bedford	Centre	West'ld.	Cumb.
All Other Hay	Brad.	Craw.	Susq.	Tioga	Wayne	Somer.	Lanc.	Adams	Erie	Wash.
All Hay	Lanc.	Brad.	Berks	Craw.	Tioga	Wash.	Chester	Frank.	Susq.	Somer.
Potatoes	Erie	Cambria	York	Lanc.	Potter	Schuyl.	Lehigh	Luzerne	Somer.	Columbia
Tobacco	Lanc.	Leb.	Chester	Berks	York	Snyder	Cumb.	Lyc.	Montour	Dauphin
Apples	Adams	Frank.	York	Lehigh	Berks	Alleg.	Cumb.	Juniata	Snyder	Bedford
Peaches	Frank.	Adams	York	Lehigh	Lanc.	Berks	Juniata	North'tn.	Columbia	Snyder

PENNSYLVANIA: RANK AMONG STATES, LIVESTOCK, POULTRY PRODUCTS AND CASH RECEIPTS

Item	1	2	3	4	5	6	7	8	9	10	PA If Not in Top 10
LIVESTOCK INVENTORY 1/1/87											
All Cattle & Calves.....	TX	KS	NE	OK	CA	IA	MO	WI	SD	MN	17
Milk Cows.....	WI	CA	NY	MN	PA	OH	MI	TX	IA	KY	-
Hogs & Pigs 1/.....	IA	IL	MN	IN	NE	MO	NC	OH	SD	KS	14
Sheep & Lambs.....	TX	CA	WY	CO	SD	MO	NM	UT	OR	IA	23
POULTRY INVENTORY: 1/											
All Chickens, Excluding Broilers.....	CA	IN	GA	AR	PA	NC	OH	TX	AL	FL	-
Layers.....	CA	IN	GA	PA	OH	AR	TX	NC	AL	FL	-
Turkeys Raised.....	NC	MN	CA	AR	VA	MO	IN	PA	IA	WI	-
LIVESTOCK & POULTRY PRODUCTION, 1986:											
Milk Production.....	WI	CA	NY	MN	PA	MI	OH	TX	IA	WA	-
Milk Production Per Cow.	WA	CA	ID	MI	NC	PA	VT	WI	VA	MD	-
Egg Production.....	CA	IN	PA	GA	OH	AR	NC	TX	AL	FL	-
Broilers Produced.....	AR	GA	AL	NC	MS	MD	TX	DE	CA	VA	12
Egg-Type Chick Hatch....	IN	PA	CA	FL	GA	IA	AR	MN	AL	MO	-
Broiler Chick Hatch.....	AR	GA	AL	NC	MD	MS	TX	CA	DE	FL	12
SLAUGHTER IN COMMERCIAL PLANTS: HEAD											
Cattle.....	KS	TX	NE	IA	CO	CA	WI	IL	PA	MN	-
Calves.....	NY	WI	CA	PA	TX	IN	IL	LA	FL	NJ	-
Hogs.....	IA	MN	IL	NE	MI	VA	OH	MO	IN	SD	18
Sheep & Lambs.....	CO	CA	TX	IA	SD	MN	KS	IL	MI	WA	13
CASH RECEIPTS (1985):											
Total.....	CA	TX	IA	IL	NE	MN	KS	WI	FL	IN	17
Livestock & Products..	TX	IA	CA	NE	WI	MN	KS	PA	IL	CO	-
Crops.....	CA	IL	IA	TX	FL	MN	NE	IN	KS	OH	27

1/ Inventory December 1, 1986.

PENNSYLVANIA: RANKING OF COUNTIES IN LIVESTOCK, POULTRY, NUMBER OF FARMS AND CASH RECEIPTS

Item	1	2	3	4	5	6	7	8	9	10
INVENTORY, JANUARY 1, 1987:										
Cattle & Calves On Farms.....	Lanc.	Frank.	Brad.	Berks	Chester	York	Bed.	Leb.	Tioga	Som.
Hogs & Pigs 1/.....	Lanc.	York	Berks	Leb.	Frank.	Nth'ld.	Cumb.	Adams	Schuyl.	Snyder
Sheep & Lambs.....	Greene	Wash.	Lanc.	Brad.	York	Tioga	Butler	West'ld	Adams	Som.
Chickens, Excluding Broilers 1/...	Lanc.	Adams	Leb.	Schuyl.	York	Dau.	Chester	Frank.	Cumb.	Berks
Cows in Milking Herd, 1986.....	Lanc.	Brad.	Frank.	Chester	Berks	Leb.	Craw.	Tioga	Cumb.	Susq.
PRODUCTION, 1986:										
Broilers Raised.....	Lanc.	Leb.	Juniata	Snyder	Berks	Chester	Perry	Schuyl.	Daup.	Nth'ld
Milk Production.....	Lanc.	Frank.	Brad.	Chester	Berks	Leb.	Cumb.	Tioga	Craw.	Susq.
Egg Production.....	Lanc.	Adams	Leb.	York	Schuyl.	Dau.	Chester	Frank.	Cumb.	Berks
NUMBER OF FARMS.....	Lanc.	York	Berks	Chester	Wash.	Brad.	Frank/ Craw.	Erie	Mercer	West'ld
CASH RECEIPTS, 1985.....	Lanc.	Chester	Berks	Frank.	York	Adams	Leb.	Brad.	Cumb.	Erie

1/ Inventory December 1, 1986.

UNITED STATES: 100 LEADING COUNTIES IN VALUE OF ALL AGRICULTURE PRODUCTS SOLD, 1982 1/

County	Value 1982	Rank 1982	County	Value 1982	Rank 1982
	Thous. Dols.			Thous. Dols.	
Fresno, CA	1,495,634	1	Swisher, TX	201,158	51
Kern, CA	1,074,061	2	Orange, Fl	197,874	52
Tulare, CA	962,989	3	Lake, FL	196,715	53
Weld, CO	829,180	4	Hansford, TX	194,651	54
Imperial, CA	741,820	5	Iroquois, IL	192,753	55
Monterey, CA	737,021	6	Yolo, CA	191,677	56
Merced, CA	655,397	7	Henry, IL	191,524	57
Maricopa, AZ	627,557	8	Marion, OR	190,789	58
Riverside, CA	619,182	9	Plymouth, IA	190,741	59
San Joaquin, CA	593,227	10	Pottawattamie, IA	188,499	60
Lancaster, PA	**574,059**	**11**	Grant, WI	187,024	61
Deaf Smith, TX	562,681	12	Carroll, IA	186,526	62
Stanislaus, CA	555,417	13	Lamb, TX	184,231	63
Palm Beach, FL	534,779	14	Scotts Bluff, NE	183,977	64
San Bernardino, CA	479,140	15	Sonoma, CA	182,918	65
Kings, CA	478,412	16	Yuma, CO	180,133	66
Yakima, WA	467,733	17	Dade, FL	179,643	67
Ventura, CA	403,338	18	Livingston, IL	175,764	68
San Diego, CA	392,674	19	La Salle, IL	175,323	69
Yuma, AZ	355,361	20	Dodge, WI	174,295	70
Haskell, KS	344,157	21	Bingham, ID	173,901	71
Sioux, IA	323,993	22	Marathon, WI	173,296	72
Pinal, AZ	323,753	23	Moore, TX	169,415	73
Grant, WA	312,015	24	Bureau, IL	168,537	74
Parmer, TX	306,511	25	Morgan, CO	166,959	75
Hidalgo, TX	284,780	26	Sutter, CA	166,695	76
Texas, OK	284,053	27	Saunders, NE	165,779	77
Madera, CA	276,779	28	O'Brien, IA	165,422	78
Sussex, DE	269,964	29	**Berks, PA**	**163,259**	**79**
Dane, WI	266,752	30	Gray, KS	161,354	80
Cuming, NE	257,065	31	Champaign, IL	160,047	81
Castro, TX	234,083	32	Wichita, KS	159,238	82
Canyon, ID	233,067	33	Whitman, WA	159,169	83
Polk, FL	231,195	34	Randall, TX	158,683	84
Walla Walla, WA	230,117	35	Holt, NE	157,919	85
Santa Barbara, CA	227,940	36	Sherman, TX	157,635	86
Scott, KS	225,853	37	Polk, MN	157,305	87
Finney, KS	224,756	38	Umatilla, OR	154,895	88
Dawson, NE	223,405	39	Benton, AR	154,348	89
Los Angeles, CA	219,303	40	Kenville, MN	153,720	90
Hillsborough, FL	219,038	41	Delaware, IA	153,387	91
Rockingham, VA	215,426	42	Sacramento, CA	152,416	92
Stearns, MN	212,696	43	Butte, CA	151,745	93
Duplin, NC	207,580	44	Otter Tail, MN	151,743	94
Hawaii, HI	206,427	45	Dallam, TX	151,672	95
Chester, PA	**206,203**	**46**	Hamilton, IA	151,257	96
Washington, AR	206,186	47	Franklin, WA	151,138	97
McLean, IL	205,938	48	Orange, CA	151,080	98
Kossuth, IA	202,307	49	Phelps, NE	148,771	99
Ford, KS	202,101	50	Kearny, KS	148,709	100

1/ Source, 1982 U.S. Census of Agriculture.

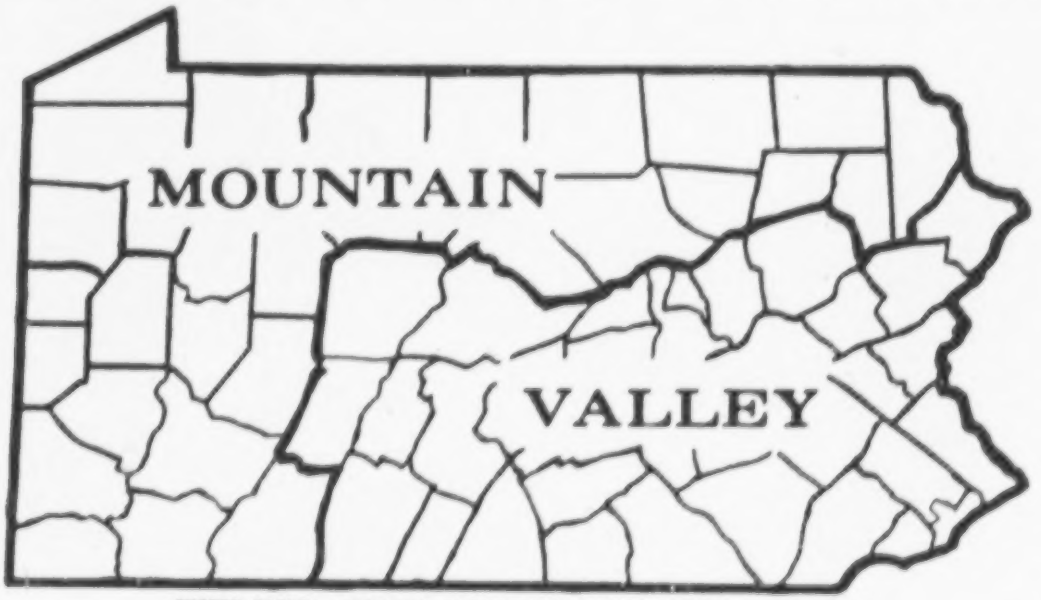
MACHINERY CUSTOM RATES

BY DELORES A. BARNEY

The custom rates shown are averages from voluntary reports by custom operators throughout Pennsylvania. Most of the rates are stated per acre, ton, bale, or bushel rather than per hour to reduce the variation due to machinery size. Individual rates vary due to differences in working conditions, services performed, or even the operator's eagerness to do custom work. Therefore, the average rates shown should not be considered absolute indications of fair charges.

Acreage rates are shown separately for two regions of the state, labeled "Mountain" and "Valley". The differences in rates between regions reflect differences in terrain, soils and alternative opportunities for the labor and equipment used. Figures labeled "The State" represent the straight average of all reports used regardless of geographic location.

Custom rates are mixed this year. Of the 65 rates reported, 49 percent have increased, 45 percent have decreased, and the remaining 6 percent are the same as last year. However, the overall average is up one percent from the previous year. This percentage increase was computed by adding the rates for all jobs, regardless of basis of charge, and dividing by last year's comparable total.



CUSTOM RATES: SELECTED FARMING OPERATIONS, PENNSYLVANIA, 1987

Job	Basis Of Charge	Mountain Section	Valley Section	State
		Harvesting		
Corn Picking	Acre	$18.80	$18.00	$18.40
Corn Picking and Shelling	Acre	23.30	21.90	22.60
Corn Combining	Acre	23.40	21.80	22.60
Corn Drying (23 Percent)	Bu.	.25	.29	.27
Combining Small Grains	Acre	20.30	20.50	20.40
Hay Making:				
Mowing	Acre	6.10	6.50	6.30
Mowing and Conditioning	Acre	8.20	8.40	8.30
Raking	Acre	4.80	4.50	4.60
Pick-Up Baling:				
Twine	Bale	.27	.27	.27
Wire	Bale	.37	.36	.36
Cut, Rake, Bale, And Store	Bale	.68	.70	.69
Large Round Baler (Avg. = 1100 Lbs.)	Bale	6.20	5.70	5.90
Stacker-Wagon (Avg. = 1 Ton)	Stack	17.60	18.00	17.80
Silage Making:				
Pull-Type Chopper And Tractor	Hour	29.70	30.20	30.00
Self-Propelled Chopper	Hour	42.00	44.60	43.30
Blower	Hour	5.20	5.70	5.50
1 Man, 2 Wagons, 1 Tractor	Hour	24.20	26.20	25.20
2 Men, 2 Wagons, 2 Tractors	Hour	37.40	38.10	37.80

CUSTOM RATES: SELECTED FARMING OPERATIONS, PENNSYLVANIA, 1987 (Continued)

Job	Basis Of Charge	Mountain Section	Valley Section	State
Plowing & Cultivating				
Plowing, Moldboard Plow:				
Spring, Stubble	Acre	$ 9.80	$10.40	$10.1
Sod	Acre	11.40	11.50	11.50
Fall, Stubble	Acre	10.10	10.70	10.40
Sod	Acre	11.60	12.00	11.80
Plowing, Deep (10 Inches or More)	Acre	12.40	12.80	12.60
Plowing, Chisel	Acre	10.60	9.90	10.20
Plowing, Disk	Acre	9.50	9.50	9.50
Disking, Tandem	Acre	8.50	8.80	8.70
With Harrow or Cultipacker	Acre	9.40	9.60	9.50
Harrowing:				
Spike Tooth	Acre	6.00	6.80	6.40
Spring Tooth	Acre	7.40	7.50	7.50
Cultivating	Acre	7.60	7.80	7.70
Planting & Drilling				
Planting Corn With Fertilizer:				
Conventional-Till Planting	Acre	9.30	9.70	9.50
Reduced-Till Planting	Acre	10.60	10.80	10.70
No-Till	Acre	12.40	12.00	12.20
Planting Soybeans, Without Fertilizer:				
Conventional-Till	Acre	8.60	8.40	8.50
Reduced-Till	Acre	10.00	10.20	10.10
No-Till	Acre	12.00	11.80	11.90
Drilling Small Grain:				
Without Fertilizer	Acre	7.00	7.20	7.10
With Fertilizer	Acre	7.90	8.40	8.20
With Fertilizer and Cloverseed	Acre	9.70	9.70	9.70
Seeding Alfalfa, Clover, Etc	Acre	7.50	8.00	7.80
Broadcast Seeding (On Grain Fields)	Acre	5.50	5.90	5.70
Cleaning Grain Seed:				
With Treatment	Bu.	.54	.61	.58
Without Treatment	Bu.	.39	.44	.42
Spraying				
Ground Equipment:				
Spraying For Weed Control:				
Excluding Material	Acre	4.80	4.60	4.70
Spraying For Corn Borer:				
Including Cost of Material	Acre	9.30	9.10	9.20
Excluding Cost of Material	Acre	5.00	4.70	4.80
Spraying For Spittle Bug or Alfalfa Weevil:				
Including Cost of Material	Acre	6.70	6.80	6.80
Excluding Cost of Material	Acre	4.70	4.70	4.70
Aerial Application (Excluding Material):				
Fixed Wing	Acre	7.40	7.50	7.50
Helicopter	Acre	6.50	6.30	6.40
Miscellaneous				
Stalk Shredding, P.T.O.	Acre	7.10	7.40	7.30
Spreading Bulk Fertilizer:				
Dry	Acre	4.60	4.50	4.50
Liquid	Acre	4.50	4.40	4.40
Side Dressing	Acre	5.40	5.30	5.30
Grinding Feed:				
Corn, Oats, or Barley	Cwt.	.50	.45	.47
Corn and Cobs	Cwt.	.54	.49	.51
Cobs	Cwt.	.49	.48	.48
Additional Charge For Mixing	Cwt.	.18	.16	.17
Machine Tiling (No Tile)	Foot	.38	.40	.39
Back Hoe	Hour	27.00	27.80	27.40
Sawing Wood (Chain Saw)	Hour	8.60	9.20	8.90
Post Hole Digging	Hole	.65	.70	.68
Manure Loading	Hour	16.50	17.10	16.80
Manure Spreading	Hour	14.80	15.50	15.20
Bulldozing (Avg. H.P. 90)	Hour	41.50	43.40	42.50

PENNSYLVANIA: NUMBER OF FARMS AND LAND IN FARMS, 1960-1986 1/

Year	Number Of Farms	Land In Farms	
		Total Acres	Per Farm
		Thousand	Acres
1960	106,000	12,300	116
1965	85,000	11,300	133
1970	74,000	10,200	138
1975 1/	66,000	9,600	145
1977	62,000	9,100	147
1978	60,000	9,000	150
1979	61,000	9,000	148
1980	62,000	9,000	145
1981	61,000	8,900	146
1982	60,000	8,800	147
1983	59,000	8,700	147
1984	58,000	8,700	150
1985	58,000	8,700	150
1986 2/	56,500	8,500	150

1/ New definition beginning in 1975. 2/ Preliminary.

FARM REAL ESTATE VALUES: AVERAGE VALUE PER ACRE OF LAND AND BUILDINGS BY STATE, 1950-1987 1/

State	March 1, 1950	March 1, 1960	March 1, 1970	February 1, 1980	April 1, 1983	April 1, 1984	April 1, 1985	February 1, 1986	February 1, 1987
				Dollars					
Maine	54	84	161	594	708	750	856	993	1,082
New Hampshire	73	104	239	1,004	1,174	1,244	1,419	1,646	1,794
Vermont	56	81	224	721	842	893	1,017	1,180	1,286
Massachusetts	190	314	565	1,608	1,963	2,081	2,372	2,752	2,999
Rhode Island	232	379	734	2,523	2,760	2,926	3,335	3,869	4,217
Connecticut	248	446	921	2,387	2,655	2,814	3,208	3,721	4,056
New York	92	145	273	720	817	842	808	824	931
New Jersey	293	528	1,092	2,947	3,140	3,234	3,525	3,913	5,321
Pennsylvania	**107**	**188**	**373**	**1,464**	**1,520**	**1,642**	**1,510**	**1,450**	**1,725**
Delaware	114	243	499	1,798	1,829	1,866	1,642	1,757	1,775
Maryland	125	290	640	2,238	2,121	2,185	2,097	1,887	1,831
Michigan	99	194	326	1,111	1,223	1,223	1,052	936	833
Wisconsin	89	133	232	1,004	1,113	1,046	847	711	626
Minnesota	84	155	226	1,086	1,165	1,083	823	609	493
Ohio	136	248	399	1,730	1,504	1,444	1,126	1,013	942
Indiana	137	264	406	1,863	1,610	1,594	1,259	1,058	931
Illinois	174	316	490	2,041	1,837	1,800	1,314	1,143	1,040
Iowa	161	257	392	1,840	1,684	1,499	1,064	841	748
Missouri	64	115	224	902	856	856	659	606	552
North Dakota	29	53	94	405	439	439	360	317	282
South Dakota	31	51	84	292	348	338	250	215	178
Nebraska	58	89	154	635	701	617	444	364	335
Kansas	66	101	159	587	601	583	466	387	340
Virginia	82	140	286	1,028	1,125	1,114	1,091	1,146	1,111
West Virginia	59	75	136	669	688	667	554	537	527
North Carolina	99	186	333	1,219	1,314	1,380	1,242	1,130	1,096
Kentucky	81	137	253	976	1,049	1,007	906	870	791
Tennessee	77	132	268	976	1,014	1,044	982	992	1,012
South Carolina	69	137	261	900	946	927	899	872	794
Georgia	43	99	234	896	929	910	865	822	846
Florida	57	217	355	1,381	1,576	1,608	1,527	1,435	1,464
Alabama	49	91	200	780	826	809	769	761	731
Mississippi	55	107	234	819	894	939	835	752	654
Arkansas	60	113	260	918	972	933	849	705	634
Louisiana	82	173	321	1,256	1,351	1,351	1,256	1,005	734
Oklahoma	51	86	173	614	699	699	566	481	428
Texas	46	85	148	436	544	593	652	541	482
Montana	17	35	60	235	259	264	222	204	167
Idaho	70	112	177	698	814	814	749	644	567
Wyoming	13	22	41	161	193	197	177	154	151
Colorado	32	54	95	387	454	468	435	357	364
New Mexico	15	24	42	185	178	182	163	134	122
Arizona	15	48	70	267	289	295	265	231	242
Utah	43	60	92	530	560	571	514	478	454
Nevada	19	31	53	248	249	254	229	199	211
Washington	85	133	224	736	933	961	923	812	723
Oregon	60	88	150	587	705	698	579	521	479
California	154	360	479	1,424	1,918	1,918	1,726	1,571	1,366
48 States	65	117	196	737	788	782	679	596	548

1/ These values are based on land-value benchmarks obtained from the Census of Agriculture.

PENNSYLVANIA AND SELECTED STATES: AVERAGE VALUE PER ACRE OF LAND AND BUILDINGS, AVERAGE CASH RENT PER ACRE - 1987

State	Farmland 1/	Farms		Cropland		Pasture	
	Average Value Per Acre	Rent Per Acre	Ratio of Rent To Value	Rent Per Acre	Ratio of Rent To Value	Rent Per Acre	Ratio of Rent To Value
	Dollars	Dollars	Percent	Dollars	Percent	Dollars	Percent
PENNSYLVANIA							
1965	233	12.30	4.7	-	-	5.60	4.8
1970	373	12.90	3.8	15.30	3.7	8.30	3.5
1975	734	18.70	2.5	21.80	2.6	11.30	2.7
1977	994	25.70	2.7	27.80	2.6	12.50	2.1
1978	1,115	27.80	2.6	30.70	2.4	13.50	2.2
1979	1,273	29.40	2.3	32.60	2.2	14.10	1.8
1980	1,464	31.20	2.1	36.60	2.2	15.50	1.7
1981	1,568	35.20	2.4	37.50	2.3	14.90	1.7
1982	1,513	37.60	2.5	39.50	2.5	16.50	1.9
1983	1,520	39.30	2.8	38.80	2.5	17.50	2.1
1984	1,642	38.82	2.5	38.01	2.1	15.97	1.4
1985	1,510	35.83	2.3	42.98	2.5	19.67	2.2
1986	1,450	34.75	2.4	37.18	2.7	17.96	2.2
1987	1,725	39.30	2.5	40.01	2.5	18.61	1.9
NORTHEAST							
Vermont	1,286	-	-	31.30	3.2	14.43	2.7
New York	931	-	-	31.98	4.2	-	-
New Jersey	5,321	58.22	0.8	48.00	0.5	-	-
Delaware	1,775	59.51	3.1	40.01	2.5	-	-
Maryland	1,831	49.05	2.5	50.81	2.7	-	-
LAKE STATES							
Michigan	833	41.51	6.1	41.87	5.9	-	-
Wisconsin	626	42.44	6.8	44.83	7.3	20.22	7.2
Minnesota	493	48.24	9.1	47.78	9.0	14.51	7.0
CORN BELT							
Ohio	942	58.44	6.0	63.22	5.6	25.14	5.3
Indiana	931	74.26	7.4	77.00	7.5	35.67	6.4
Illinois	1,040	86.08	7.6	85.69	7.6	27.73	6.1
Iowa	748	75.70	9.3	80.29	9.8	28.08	8.5
Missouri	552	38.56	7.4	48.31	9.1	19.40	5.4
NORTHERN PLAINS							
North Dakota	282	23.37	7.7	28.24	8.4	7.83	6.7
South Dakota	178	18.40	10.2	25.48	10.0	6.26	8.7
Nebraska	335	-	-	-	-	9.83	9.4
(Nonirrigated)	-	-	-	42.26	10.3	-	-
(Irrigated)	-	-	-	81.21	11.6	-	-
Kansas	340	-	-	-	-	10.81	5.5
(Nonirrigated)	-	-	-	28.60	7.8	-	-
(Irrigated)	-	-	-	59.67	10.4	-	-
APPALACHIAN							
Virginia	1,111	30.52	2.6	37.66	3.2	22.81	2.8
North Carolina	1,096	29.62	2.6	33.66	2.8	19.18	1.7
Kentucky	791	43.22	6.2	53.31	6.8	24.31	4.4
Tennessee	1,012	34.87	4.2	39.90	4.8	21.64	3.0
SOUTHEAST							
South Carolina	794	19.76	2.8	22.40	3.2	15.64	2.3
Georgia	846	24.99	3.2	26.17	3.9	19.24	2.9
Alabama	731	23.76	3.8	28.52	4.4	17.08	3.5
DELTA STATES							
Mississippi	654	24.71	4.2	31.19	5.0	12.77	2.4
Arkansas	634	34.27	5.8	44.43	6.5	14.06	3.1
SOUTHERN PLAINS							
Oklahoma	428	-	-	-	-	10.21	3.0
(Nonirrigated)	-	-	-	22.96	4.8	-	-
(Irrigated)	-	-	-	37.17	8.3	-	-
Texas	482	-	-	-	-	7.74	1.0
(Nonirrigated)	-	-	-	19.90	2.3	-	-
(Irrigated)	-	-	-	40.63	5.4	-	-

1/ Average value per acre of land and buildings.

PENNSYLVANIA: ESTIMATED NUMBER OF FARMS, 1986 1/

County & District	All Farms	Cattle Farms	Commercial Dairy 2/	Hog Farms	Sheep Farms	Chicken Farms
Crawford	1,530	1,480	540	230	65	310
Erie	1,510	1,070	380	150	40	170
Forest	50	40	10	10	5	15
Mercer	1,420	1,280	360	270	105	325
Venango	520	480	60	120	30	115
Warren	500	460	160	90	25	105
NORTHWESTERN, TOTAL	**5,530**	**4,810**	**1,510**	**870**	**270**	**1,040**
Bradford	1,560	1,520	720	190	100	220
Cameron	30	25	5	10	-	15
Clinton	300	240	90	70	15	85
Elk	160	150	25	30	5	45
Lycoming	930	770	210	210	45	205
McKean	260	235	35	40	20	45
Potter	370	350	120	50	25	70
Sullivan	190	190	55	40	20	40
Tioga	970	940	420	80	85	140
NORTH CENTRAL, TOTAL	**4,770**	**4,420**	**1,680**	**720**	**315**	**865**
Lackawanna	360	280	80	40	15	50
Susquehanna	970	900	410	90	75	135
Wayne	810	760	320	70	45	135
Wyoming	390	360	140	50	20	55
NORTHEASTERN, TOTAL	**2,530**	**2,300**	**950**	**250**	**155**	**375**
Armstrong	820	720	110	160	60	170
Beaver	580	510	90	100	75	140
Butler	1,300	1,080	160	260	125	265
Clarion	590	570	130	150	30	135
Indiana	990	890	220	180	90	220
Jefferson	530	510	120	60	20	105
Lawrence	800	700	220	180	70	205
WEST CENTRAL, TOTAL	**5,610**	**4,980**	**1,050**	**1,090**	**470**	**1,240**
Blair	510	480	200	100	20	95
Cambria	610	530	55	160	20	145
Centre	840	720	310	170	75	170
Clearfield	480	430	70	110	15	125
Columbia	840	540	80	200	30	170
Dauphin	790	540	140	180	65	145
Huntingoon	640	640	210	130	40	150
Juniata	610	520	200	170	60	100
Mifflin	680	670	350	230	120	210
Montour	320	230	55	60	15	55
Northumberland	760	540	100	170	40	160
Perry	710	570	150	190	50	120
Snyder	740	620	200	220	50	190
Union	530	430	160	120	15	110
CENTRAL, TOTAL	**9,060**	**7,460**	**2,280**	**2,210**	**615**	**1,945**
Carbon	190	100	15	50	20	60
Lehigh	590	260	40	120	35	160
Luzerne	560	380	70	80	30	115
Monroe	210	130	10	50	25	55
Northampton	600	380	110	100	50	145
Pike	50	30	5	10	5	15
Schuylkill	720	420	70	170	35	180
EAST CENTRAL, TOTAL	**2,920**	**1,700**	**320**	**580**	**200**	**730**
Allegheny	490	270	25	70	50	110
Fayette	920	870	110	180	60	200
Greene	650	630	45	130	270	200
Somerset	1,150	1,110	410	240	80	260
Washington	1,640	1,460	210	200	280	295
Westmoreland	1,390	1,170	250	280	130	300
SOUTHWESTERN, TOTAL	**6,440**	**5,710**	**1,050**	**1,100**	**870**	**1,365**
Adams	1,220	820	130	260	95	230
Bedford	1,110	1,080	350	250	70	225
Cumberland	1,190	960	370	240	80	220
Franklin	1,530	1,410	600	350	100	295
Fulton	500	460	110	130	25	120
York	2,340	1,510	250	520	200	500
SOUTH CENTRAL, TOTAL	**7,890**	**6,240**	**1,810**	**1,750**	**570**	**1,590**
Berks	1,960	1,380	460	400	165	470
Bucks	1,010	440	95	170	130	195
Chester	1,850	1,090	420	180	140	265
Delaware	120	40	5	10	10	20
Lancaster	5,080	4,230	1,940	1,320	600	1,525
Lebanon	990	800	330	230	100	205
Montgomery	740	400	100	120	90	170
Philadelphia 3/	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**11,750**	**8,380**	**3,350**	**2,430**	**1,235**	**2,850**
PENNSYLVANIA	**56,500**	**46,000**	**14,000**	**11,000**	**4,700**	**12,000**

1/ All farms estimated as of June 1. Specie farms relate to the 1986 production year. Specie farms are not additive to all farms. 2/ Commercial dairy farms relate to farms with 10 or more milk cows. 3/ Farms included with Montgomery County to avoid disclosure of individual operations.

PENNSYLVANIA: FARM NUMBERS, LAND AND VALUE, 1982 CENSUS OF AGRICULTURE 1/

County & District	Number Of Farms	Land In Farms	Average Size Of Farm	Value Per Acre 2/	Harvested Cropland
		Acres		Dollars	Acres
Crawford	1,507	252,636	168	987	112,119
Erie	1,475	199,590	135	1,267	94,741
Forest	44	7,205	164	(D)	2,876
Mercer	1,401	177,869	127	1,012	85,502
Venango	512	66,585	130	990	24,426
Warren	494	82,093	166	660	26,051
NORTHWESTERN, TOTAL	**5,433**	**785,978**	**145**	-	**345,715**
Bradford	1,530	353,710	231	740	154,544
Cameron	27	(D)	(D)	800	(D)
Clinton	293	48,498	166	1,197	27,417
Elk	156	18,449	118	992	6,728
Lycoming	918	154,673	168	1,214	80,477
McKean	257	49,044	191	634	12,502
Potter	363	107,157	295	589	36,719
Sullivan	187	35,654	191	783	13,614
Tioga	957	239,846	251	701	102,124
NORTH CENTRAL, TOTAL	**4,688**	**1,007,031**	**215**	-	**434,125**
Lackawanna	357	47,718	134	1,164	21,184
Susquehanna	941	216,557	230	810	74,010
Wayne	791	154,108	195	874	52,810
Wyoming	386	77,606	201	839	30,493
NORTHEASTERN, TOTAL	**2,475**	**495,989**	**200**	-	**178,497**
Armstrong	800	126,191	158	1,105	56,136
Beaver	572	59,093	103	1,369	26,200
Butler	1,279	150,462	118	1,402	73,891
Clarion	584	100,648	172	872	41,442
Indiana	977	167,422	171	1,012	74,566
Jefferson	516	87,017	169	894	40,057
Lawrence	780	96,488	124	1,122	52,458
WEST CENTRAL, TOTAL	**5,508**	**787,321**	**143**	-	**364,750**
Blair	502	87,162	174	1,210	50,210
Cambria	602	86,209	143	992	40,660
Centre	824	159,013	193	1,395	84,493
Clearfield	467	67,257	144	1,061	29,338
Columbia	822	122,598	149	1,227	72,476
Dauphin	776	112,821	145	2,285	76,206
Huntingdon	636	138,795	218	998	60,368
Juniata	601	95,985	160	1,161	49,512
Mifflin	670	90,933	136	1,374	46,184
Montour	314	48,815	155	1,125	31,638
Northumberland	746	122,420	164	1,220	81,373
Perry	698	117,587	168	1,153	64,932
Snyder	731	94,495	129	1,289	55,454
Union	524	72,935	139	1,487	49,232
CENTRAL, TOTAL	**8,913**	**1,417,029**	**159**	-	**792,076**
Carbon	182	20,854	115	1,357	12,190
Lehigh	574	95,302	166	3,032	72,967
Luzerne	553	67,345	122	1,300	35,622
Monroe	207	29,597	143	1,853	15,140
Northampton	593	102,272	172	2,235	80,876
Pike	43	6,200	144	1,650	1,990
Schuylkill	712	99,296	139	1,238	61,696
EAST CENTRAL, TOTAL	**2,864**	**420,866**	**147**	-	**280,481**
Allegheny	484	35,837	74	2,243	12,734
Fayette	908	123,038	136	963	48,550
Greene	832	149,071	179	669	35,068
Somerset	1,127	231,753	206	955	106,772
Washington	1,616	221,841	137	1,303	79,243
Westmoreland	1,370	166,062	121	1,544	77,108
SOUTHWESTERN, TOTAL	**6,337**	**927,602**	**146**	-	**359,475**
Adams	1,199	196,644	164	1,677	125,218
Bedford	1,092	234,869	215	1,026	95,004
Cumberland	1,174	163,186	139	2,085	115,343
Franklin	1,508	249,400	165	1,602	166,533
Fulton	491	104,793	213	838	38,415
York	2,303	299,879	130	2,155	206,956
SOUTH CENTRAL, TOTAL	**7,767**	**1,248,771**	**161**	-	**747,469**
Berks	1,929	256,444	133	2,333	185,546
Bucks	991	112,067	113	3,127	81,650
Chester	1,825	219,980	121	3,998	140,651
Delaware	113	7,091	63	8,056	3,493
Lancaster	4,991	417,296	84	3,448	312,284
Lebanon	971	116,870	120	2,600	85,764
Montgomery	724	73,318	101	3,346	51,073
Philadelphia	6	(D)	(D)	(D)	(D)
SOUTHEASTERN, TOTAL	**11,550**	**1,203,066**	**104**	-	**860,461**
PENNSYLVANIA 2/	**55,535**	**8,297,713**	**149**	**1,520**	**4,363,789**

1/ County and district totals may not add to state total because of census disclosure rules. State total may differ from U.S. Department of Agriculture estimates because of incompleteness, duplication, definitional difference and sampling variability. 2/ Value of land and buildings included. (D) Data withheld to avoid disclosing information for individual farms.

PENNSYLVANIA: FERTILIZER CONSUMPTION, ACTUAL POUNDS OF NUTRIENTS, BY COUNTIES, 1985-1986 1/

County	Second Half of 1985			First Half of 1986		
	Nitrogen	Phosphate	Potash	Nitrogen	Phosphate	Potash
	Tons					
Adams	278.74	236.86	114.77	671.64	339.46	346.66
Allegheny	591.39	230.49	337.25	2,724.18	3,120.03	1,211.05
Armstrong	165.95	107.57	83.76	115.32	109.25	106.42
Beaver	63.26	49.88	63.36	138.35	160.36	135.55
Bedford	54.56	91.68	50.42	699.29	847.81	544.57
Berks	551.69	634.97	967.52	3,752.36	1,812.30	1,653.30
Blair	67.95	78.91	50.73	293.79	243.46	141.30
Bradford	222.64	258.17	155.44	366.73	416.94	244.37
Bucks	453.29	198.27	208.48	1,215.36	972.33	765.69
Butler	105.64	126.82	123.23	359.05	278.82	232.24
Cambria	30.66	25.90	28.50	164.56	204.50	184.88
Cameron	1.10	.23	.27	.04	.05	.01
Carbon	19.35	24.83	19.59	95.29	94.51	77.03
Centre	235.25	131.62	79.07	531.70	497.69	278.63
Chester	563.64	488.95	794.51	2,913.42	1,587.26	1,525.48
Clarion	96.59	111.99	111.41	157.37	162.90	173.63
Clearfield	60.71	46.96	41.17	13.61	4.91	3.54
Clinton	113.58	40.49	15.56	391.48	250.35	79.45
Columbia	78.60	78.60	74.59	451.19	656.23	476.89
Crawford	79.40	101.39	83.79	403.58	426.29	184.71
Cumberland	259.42	317.23	299.96	843.26	1,305.63	1,012.17
Dauphin	354.95	174.63	157.70	262.37	207.91	199.14
Delaware	67.61	19.52	33.08	64.26	28.28	26.49
Elk	5.39	5.80	6.03	9.42	13.54	11.71
Erie	388.65	254.85	140.51	851.15	827.86	443.19
Fayette	59.81	66.73	63.56	62.28	66.89	39.68
Forest	8.26	6.48	6.90	51.31	55.71	52.29
Franklin	379.79	415.73	375.01	3,699.05	5,261.15	5,664.13
Fulton	25.36	50.51	47.67	215.74	135.32	118.19
Greene	5.02	15.76	6.53	8.61	11.92	11.79
Huntingdon	13.33	16.03	15.27	68.54	70.75	44.81
Indiana	175.76	137.41	131.73	170.69	306.39	244.41
Jefferson	105.57	129.01	145.83	212.53	262.98	236.42
Juniata	16.57	25.21	27.04	29.82	41.05	31.73
Lackawanna	14.70	7.65	8.75	138.37	231.44	108.35
Lancaster	1,545.76	874.73	1,305.62	7,558.48	3,913.50	4,145.02
Lawrence	91.08	63.36	68.97	397.30	394.30	365.93
Lebanon	145.81	241.58	346.44	946.23	620.21	643.21
Lehigh	417.81	170.99	186.20	1,184.31	984.03	515.30
Luzerne	110.27	104.45	121.66	275.43	274.91	246.56
Lycoming	175.75	106.96	80.85	1,634.38	1,010.04	372.65
McKean	1.76	.60	.55	3.22	.92	.95
Mercer	121.60	199.46	160.12	323.59	298.53	208.95
Mifflin	142.51	250.36	479.17	1,310.69	1,085.20	367.77
Monroe	15.01	11.75	18.63	46.60	58.32	43.38
Montgomery	387.53	227.80	289.12	895.55	563.67	540.78
Montour	25.10	20.03	21.24	116.47	103.12	92.87
Northampton	163.10	147.75	173.46	1,139.96	796.94	534.92
Northumberland	158.51	169.20	115.42	654.06	485.97	351.33
Perry	86.96	135.82	106.64	135.46	255.54	119.28
Philadelphia	32.04	8.88	15.23	52.29	12.13	13.25
Pike	2.70	.89	1.29	9.22	5.33	4.12
Potter	2.30	7.28	9.21	62.80	49.15	59.86
Schuylkill	135.01	143.73	146.76	669.70	469.58	433.17
Snyder	129.67	101.16	77.34	508.81	321.50	155.24
Somerset	173.13	221.04	152.72	412.66	532.12	453.66
Sullivan	.84	.42	.42	6.45	4.35	4.48
Susquehanna	5.29	.04	.04	20.85	6.40	6.30
Tioga	72.34	115.82	78.72	390.48	645.93	44.85
Union	103.98	140.06	113.78	338.92	278.95	240.43
Venango	6.09	3.07	4.76	23.36	29.67	26.44
Warren	7.06	5.55	7.54	46.64	75.38	65.38
Washington	74.35	105.90	119.51	647.28	485.82	310.67
Wayne	11.63	11.62	18.30	72.97	111.49	81.13
Westmoreland	436.06	145.63	160.16	598.15	339.97	121.80
Wyoming	106.14	70.47	55.66	115.06	112.48	101.87
York	465.77	608.42	610.90	2,431.63	1,744.30	1,431.83
PENNSYLVANIA	**11,067.38**	**9,119.96**	**9,942.60**	**45,394.91**	**37,124.85**	**28,933.67**

1/ Source: Bureau of Plant Industry, Pennsylvania Department of Agriculture. State totals may include quantities not allocated to counties.

UNITED STATES: CIVILIAN PER CAPITA CONSUMPTION OF MAJOR FOOD COMMODITIES, 1960-1985 1/

Commodity	1960	1970	1980	1983	1984	1985 2/
			Pounds			
Meats	134.0	151.6	147.7	144.0	143.7	144.4
Beef	64.2	84.0	76.5	78.6	78.5	79.1
Veal	5.2	2.4	1.5	1.6	1.8	1.8
Lamb & Mutton	4.3	2.9	1.4	1.5	1.5	1.4
Pork	60.3	62.3	68.3	62.2	61.8	62.0
Fish (Edible Weight)	10.3	11.8	12.8	13.1	13.7	14.5
Poultry Products:						
Eggs	42.4	39.2	34.6	33.1	33.0	32.4
Chicken (Ready-To-Cook)	27.8	40.4	50.1	53.8	55.7	57.4
Turkey (Ready-To-Cook)	6.2	8.0	10.5	11.3	11.4	11.9
Dairy Products:						
Cheese (Excluding Cottage)	8.3	11.5	17.6	20.6	21.6	22.4
Condensed & Evaporated Milk	13.7	7.1	3.8	3.9	3.8	3.7
Fluid Milk & Cream (Product Weight)	302.0	277.0	249.6	242.3	243.3	245.1
Ice Cream (Product Weight)	18.3	17.6	17.4	17.9	18.0	18.0
Fats & Oils - Total Fat Content	45.3	52.6	57.0	59.9	58.7	64.0
Butter (Actual Weight)	7.5	5.3	4.5	4.9	4.9	4.9
Margarine (Actual Weight)	9.3	10.8	11.3	10.4	10.4	10.7
Lard	7.5	4.6	2.6	2.1	2.1	1.8
Shortening	12.6	17.3	18.2	18.5	21.3	22.8
Salad and Cooking Oils	9.1	15.4	21.2	23.5	19.8	23.5
Fruits:						
Fresh	90.0	77.9	86.7	88.0	87.5	86.2
Citrus	32.5	27.9	28.1	28.2	23.1	21.8
Noncitrus	57.5	50.0	58.6	59.8	64.4	66.4
Processed:						
Canned Fruit	14.4	14.6	10.6	9.3	8.9	8.5
Dried and Frozen	6.6	5.8	5.3	5.7	6.0	6.2
Vegetables:						
Fresh 3/	63.1	65.7	73.2	75.7	80.7	81.4
Canned	34.6	34.2	35.3	33.7	32.6	N/A
Frozen (Excluding Potatoes)	6.9	9.6	10.4	11.1	12.0	N/A
Fresh Potatoes	80.4	60.5	44.2	45.9	44.7	49.9
Frozen Potatoes	2.6	11.1	16.9	18.8	19.0	N/A
Sweet Potatoes 4/	6.4	5.8	4.3	4.6	5.1	5.6
Grains:						
Wheat Flour 5/	118.0	110.8	116.9	115.9	117.6	122.5
Rice	6.1	6.7	9.4	9.8	8.5	9.3
Other:						
Coffee	11.6	10.4	7.7	7.6	7.5	7.4
Cocoa	2.9	3.1	2.7	3.1	3.5	3.6
Peanuts (Shelled)	4.9	5.6	4.9	5.9	6.0	6.2
Dry Edible Beans	7.9	6.3	6.2	4.8	6.5	N/A
Sugar (Refined)	97.6	101.7	83.6	71.1	67.7	63.4
Corn Sweeteners 6/	13.9	23.4	52.7	69.4	77.3	87.5

1/ Quantity in pounds. Retail weight unless otherwise shown. Data on calendar year basis except for dried fruits, fresh citrus fruits, peanuts and rice which are on a crop year basis. 2/ Preliminary. 3/ Commercial production for sale as fresh produce. 4/ Including fresh equivalent of processed. 5/ White, whole wheat and semolina flour including use in bakery products. 6/ Fructose and Glucose. N/A Not Available.

PENNSYLVANIA: ESTIMATED TOTAL POPULATION, JULY 1, 1960-1986 1/

Year	Total Population	Year	Total Population
	Thousands		Thousands
1960	11,329	1982	11,886
1965	11,620	1983	11,889
1970	11,813	1984	11,901
1975	11,860	1985	11,865
1980	11,864	1986 2/	11,889

1/ U.S. Department of Commerce, Bureau of Census, Current Population Reports. 2/ Preliminary.

CROP AND LIVESTOCK DATA FOR _____ COUNTY*
(Name)

Page No.	Commodity	Year or Date	Number		Production				Value
			Unit	Total	Unit	Per acre or Head	Total	County Rank 1/	Dollars
29	Wheat	1986	Acres		Bu.				
31	Oats	1986	Acres		Bu.				
30	Barley	1986	Acres		Bu.				
25	Corn for Grain	1986	Acres		Bu.				
26	Corn, Silage	1986	Acres		Tons				
28	Hay, All	1986	Acres		Tons				
27	Alfalfa	1986	Acres		Tons				XXXX
27	Other	1986	Acres		Tons				XXXX
32	Soybeans	1986	Acres		Bu.				
34	Potatoes	1986	Acres		Cwt.				
35	Tobacco	1986	Acres		Lbs.				
45	Apples	1986			Lbs.				
45	Peaches	1986			Lbs.				
	SUMMARY								
36	Field & Forage	1986	Acres						
36	Vegetables & Potatoes	1986	Acres						
36	Fruit	1986							
36	Total-Crops	1986							
3	Milk Cows & Production	1986	Cows		Milk Lbs.				
15	Layers & Egg Production	1986	Layers		Eggs				
17	Broilers Produced	1986	Broilers		Lbs.				
	INVENTORIES								
14	All Chickens On Hand	12-1-86	Head						
9	Hogs & Pigs On Hand	12-1-86	Head						
9	Cattle & Calves On Hand	1-1-87	Head						
9	Sheep & Lambs On Hand	1-1-87	Head						
	CASH RECEIPTS								
58	Field Crops	1985							
58	Vegetables & Potatoes	1985							
58	Fruit	1985							
58	Hort. & Specialties	1985							
58	Total-Crops	1985							
59	Meat & Misc. Products	1985							
59	Dairy Products	1985							
59	Poultry Products	1985							
59	Total-Livestock	1985							
59	Government Payments	1985							
59	Total-Cash Receipts	1985							

1/ Ranking of top 10 counties shown on pages 62 and 63

* Source: Pennsylvania Agricultural Statistics Service

REPORTS AVAILABLE

The following reports are available from the Pennsylvania Agricultural Statistics Service. They are available at no charge to Pennsylvania farmers upon request. Others wishing to receive these reports must complete the "Order Form" on the next page. Questions should be directed to the Pennsylvania Agricultural Statistics Service; address and telephone number are shown on the front cover of this bulletin.

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CROP & LIVESTOCK ANNUAL SUMMARY —
Issued in late summer. Contains county data for major agricultural items.

KEYSTONE AG DIGEST —
Issued bi-monthly. Contains information relating to livestock, dairy, poultry, crops, prices, stocks, farm numbers, etc.

SPECIAL DAIRY REPORT —
Issued quarterly. Information relates to milk production and cost of producing milk.

BROILERS —
Issued weekly. Summary of broiler eggs set, chicks hatched and broilers placed for 12 states.

ANNUAL MANUFACTURED DAIRY —
Issued in June. Summary of dairy products manufactured in Pennsylvania for the previous year.

MACHINERY CUSTOM RATES —
Issued in May. Shows charges by custom operators for various farming activities for the current year.

MUSHROOM REPORT —
Issued in August. Summary of production for the previous marketing year and intentions for the next year.

WEEKLY CROP AND WEATHER ROUND-UP —
Issued weekly May-October. Covers current weather conditions, crop planting progress, crop development and harvesting progress.

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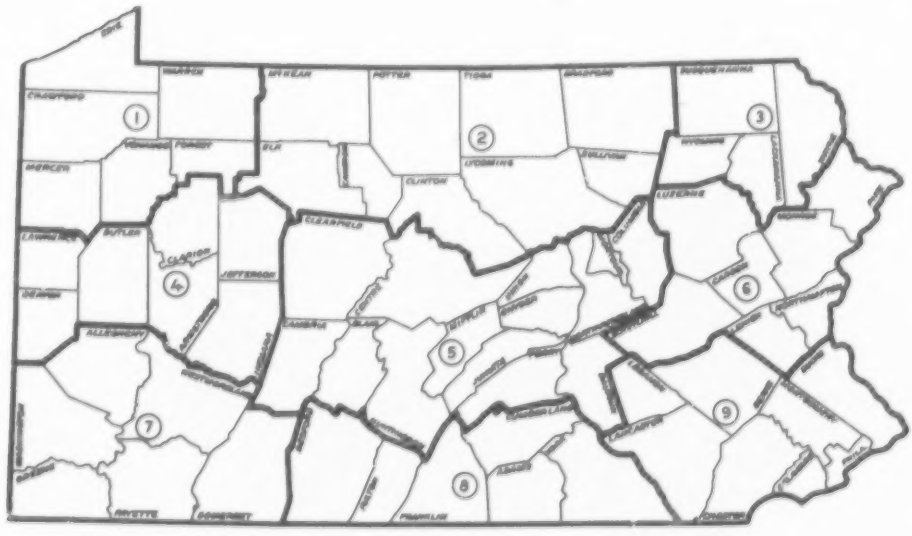

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